Theodora Amuah

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OVERVIEW

I am an **Educator** who designs learning experiences, teaches learners of diverse backgrounds, and conducts research on social problems to promote mental health.

EDUCATION

Purdue University   **Aug 2021 – Present**
Doctor of Philosophy in Curriculum and Instruction   *West Lafayette, Indiana,USA*

Purdue University   **Aug 2019 – July 2021**
Master of Arts in Communication Studies   *West Lafayette, Indiana,USA*

Minnesota State University, Moorhead   **Jan 2016 – May 2018**
Bachelor of Arts in Communication Studies   *Moorhead, MN, USA*

PROFESSIONAL EXPERIENCE

Ability Network   **Mar 2019 – Aug 2019**
Technical Support Representative   *Minneapolis, MN*
- Assisted customers with technical glitches encountered on company software while accessing company products.
- Trained and supervised new employees to effectively complete their Technical Support tasks.
- Managed customer cases and relationships on Salesforce.

WolfNet Technologies   **Aug 2018 – Mar 2019**
Customer Specialist   *Minneapolis, MN*
- Assisted real estate agents in completing contracts for the development of real estate websites and solutions.
- Completed about 30-40 inbound and outbound calls daily to address customer concerns.
- Provided training by offering instructions to customers about how to navigate their newly developed websites.
- Designed and developed job aids and other instructional materials for customer reference.

TEACHING EXPERIENCE

Purdue University   **July 9, 2023 – July 15, 2023**
Summer Residential Teacher- The Gifted Education Research and Resource Institute (GERI)   *West Lafayette, IN*
- Designed, developed, and implemented a game design course for 5th and 6th grade gifted students integrating 3D and middle school math (measurement) concepts.
- Taught and supervised students to use cardboard and a 3D design prototyping software (Tinker CAD) to develop game prototypes.
- Managed 15 students in a classroom and on the field.

Purdue University   **Jan 2023 – May 2024**
Teaching Assistant - Introduction to Educational Technology and Computing(EDCI 270)   *West Lafayette, Indiana*
- Coached students on the integration of technology, instructional design, and media principles.
- Provided constructive feedback to students on course performance via grade sheets and progress reports.
- Managed students' attendance, grades, and assignments on the Brightspace LMS
- Managed email correspondence between students, fellow TAs, and course instructor.

Purdue University   **Aug 2020 – July 2021**
Teaching Assistant - Introduction to Communication Theories (Com 102)   *West Lafayette, Indiana*
- Designed and developed instructional materials (videos, infographics, scenarios, assessments, etc.) for teaching undergraduate students.
- Facilitated asynchronous, virtual classes and group discussions among students via Zoom and Cisco Webex.
- Organized and managed virtual tutoring sessions for student attendees to prepare for upcoming examinations.

Tecumseh Junior High School   **Jan 2020 – May 2020**
Teaching Assistant - Language Arts   *Lafayette, Indiana*

- Observed the teaching practices of a language arts teacher and assisted with grading.
- Designed and developed lesson plans to teach language arts to 7th graders.
- Supervised students to complete individual assignments and group projects in class.

Purdue University   **Aug 2019 – July 2021**

Primary Instructor - Introduction to Presentational Speaking (Com 114)   *West Lafayette, Indiana*

- Applied various learning theories (e.g cognitive learning theory) in the development of lesson plans and course materials for teaching.
- Designed graphics for teaching using PowerPoint and other software such as Canvas.
- Managed students' attendance and learning activities (such as assigning and grading formative and summative assessments) on the Blackboard and Brightspace Learning Management Systems (LMS).
- Communicated with students during office hours and via email correspondence about academic-related issues.
- Created and facilitated an inclusive and supportive learning environment for students to harness their presentation skills.

INSTRUCTIONAL DESIGN EXPERIENCE

SRES Programs, Purdue University   **July 2023 – July 2023**

Instructional Designer   *West Lafayette, IN*

- Conducted a needs assessment to identify subjects lacking instruction for Summer Residential Youth Programs (SRES).
- Designed and developed modules and instructional resources for 5th and 6th grade gifted, creative, and talented students.

Quatre Grands   **Dec 2022 – July 2023**

Instructional Design Volunteer   *Remote*

- Conducted a needs assessment to recognize areas of job performance to be improved
- Designed and developed a self-paced, online course aimed at teaching employees (administrative assistants, customer service representatives, field agents, etc.) how to execute their various job functions.

NATO Design Challenge, AECT   **June 2022 – July 2022**

Instructional Design Participant   *Remote*

- Conducted a needs assessment to identify NATO leaders' learning needs.
- Designed and developed a self-paced, online, Leadership course for the North Atlantic Treaty Organization (NATO).

EDCI 569, Purdue University   **Jan 2022 – May 2022**

eLearning Student   *West Lafayette, IN*

- Conducted a needs assessment to identify middle school students' struggling points in learning Algebra.
- Designed and developed a middle school, Algebra eLearning module.

Project TIME, Purdue University   **Aug 2021 – Aug 2022**

Instructional Designer   *West Lafayette, IN*

- Designed, developed, and thoroughly revised instructional resources (e.g infographics) to be used by K-12 teachers in Indiana.
- Provided weekly reports to the Instructional Design supervisors.

EDCI 572, Purdue University   **Aug 2021 – Dec 2021**

Student Course Developer   *West Lafayette, IN*

- Conducted a needs assessment to determine learning goals and needs of learners at a Midwest University.
- Designed and developed an HTML course for adult learners new to web design.

WolfNet Technologies   **Aug 2018 – Mar 2019**

Customer Service Representative   *St. Louis Park, MN*

- Designed and developed instructional resources (e.g. job aids) on how to navigate the backend of newly developed websites for WolfNet customers.
- Trained customers on accessing MLS on their websites.

RESEARCH EXPERIENCE

Purdue University   **Sept 2023 - Jan 2024**
Graduate Research Assistant   *West Lafayette,IN*

- In collaboration with a visiting scholar, performed inter-rater reliability
- Collaboratively analyzed research data using qualitative methods.

Purdue University   **Aug 2021 – Dec 2022**
Graduate Research Assistant, PECAS Project   *West Lafayette, IN*

- Applied the ICAP and McIntyre theoretical frameworkscodebook on Excel.
- Analyzed data individually using qualitative and quantitative methods.
- Conducted inter-rater reliability by using the developed and thoroughly revised codebook as a guide for trial analyses.
- Joined efforts with teammates to write two manuscripts.

JOURNAL PUBLICATIONS

1. Magana, A. J.,**Amuah, T.**, Aggrawal, S., & Patel, D. A. (2023). Teamwork dynamics in the context of large-size software development courses. *International Journal of STEM Education*, 10(1), 57.

2. Magana, A. J., Jaiswal, A., **Amuah, T. L.**, Bula, M. Z., Duha, M. S. U., & Richardson, J. C. (2023). Characterizing Team Cognition Within Software Engineering Teams in an Undergraduate Course. IEEE Transactions on Education.

THESIS & DISSERTATION

Amuah, T. L.(2021). GRADUATE STUDENTS'PERCEPTIONS AND RESPONSES TO BULLYING FROM ACADEMIC ADVISORS (Masters' Thesis, Purdue University Graduate School)

CONFERENCE PRESENTATIONS:

Amuah, T. L.(2021). GRADUATE STUDENTS'PERCEPTIONS AND RESPONSES TO BULLYING FROM ACADEMIC ADVISORS (Masters' Thesis, Purdue University Graduate School)

SERVICE

IEEE Transactions on Education   **Feb 2024 – Feb 2024**
Reviewer   *Remote*

- Reviewed a manuscript on how machine learning can be used in improving learners' cognitive efficiency (learning analytics).

Purdue University   **Aug 2022 – Aug 2023**
Senator, Purdue Graduate Student Government(PGSG)   *West Lafayette, IN*

- Advocated for graduate students' needs. I also assisted with the planning and facilitation of campus events for graduate students.
- Assisted with the planning and facilitation of campus events for graduate students.

Purdue University   **Aug 2022 – Aug 2023**
Workshop Committee Lead, Graduate Student Education Council (GSEC)   *West Lafayette, IN*

- Planned and coordinated workshops for graduate students in the College of Education.
- Provided reports to fellow GSEC officers to update them on the progress of my team.

Purdue University   **May 2022 – Aug 2022**
Mentor, Graduate Student Education Council (GSEC)   *West Lafayette,IN*

- Facilitated one-on-one virtual meetings with an assigned graduate student mentee on a weekly basis.
- Provided guidance on where and how to access all available resources.

Purdue University   **Aug 2021 – Aug 2022**
Secretary, Curriculum & Instruction Graduate Student Association (CIGSA)   *West Lafayette,IN*

- Recorded and distributed minutes.

- Organized and facilitated CIGSA workshops and events.

Minnesota State University, Moorhead
Mar 2017 – Mar 2018

Peer Advisor, Academic Support Center
Moorhead,MN
- Guided students in their initial stages of career planning by aligning their course of study to their career aspirations.
- Provided students training on how to utilize educational functionalities on various campus websites.

SKILLS

Teaching:	Teaching/tutoring,Classroom management, LMS management, Technology integration, Lesson planning, Curriculum development
Instructional Design:	Instructional design, Graphic Design,Adobe Captivate,Articulate Storyline,OpenShot, Camtasia,Screen O Matic, Doratoon, Canva, Word, PowerPoint, Excel,Blackboard, Brightspace, Canvas, Plotagon, Powtoon
Research:	Jamovi, Mendeley,Qualtrics, NVivo, SPSS
Soft skills::	Collaboration,Empathy, Patience, Creativity, Flexibility, Interpersonal Communication, Active listening,Problem-solving,Critical thinking, Emotional intelligence

AWARD

- **Best Poster**, AGSERS (Purdue University)   **Mar 2023**
  In recognition for the effective design and presentation of my research poster at the Annual Graduate Student Education Research Symposium (AGSERS) at Purdue.

- **Best Grant Proposal Presentation**, Grant Proposal Writing Course (Purdue University)   **Nov 2022**
  In recognition for the effective design and presentation of my research ideas and the intended plans for allocation of grants.