Zeynep B. Marasli

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Summary
- Passionate and highly-motivated student with strong interdisciplinary studies at the intersection of Computer Science, Cognitive Science, and Data Analytics.
- Hands on research assistant experience with responsibilities ranging from data analytics, coding, designing innovative studies, analyzing results, UX/UI design, to presenting findings at external forums
- Proven leadership skills and experience with leading roles in student organizations and project management
- Solid team player with strong verbal and written communication skills.

Education, University of Pittsburgh, Class of 2020 • magna cum laude
- Computer Science • Psychology • Creative Writing
  - *Relevant CS coursework*: Intermediate Programming with Java, Data Structures, Discrete Structures, Computer Organization, Algorithms (Spring 2020), Digital Humanities (Spring 2020)
  - *Relevant Psychology coursework:* Psychology Research Methods, Developmental Psychology, Cognitive Psychology, Cognitive Development, Affective Cognition, Cognitive Lab (Spring 2020)
  - *Writing Awards*: 2018 Rowan Award recipient in Nonfiction (monetary prize and recognition from established writers). 2016 Scholastic Art & Writing Awards Silver Key Recipient in Writing.

Experience
- *SheInnovates Hackathon,* First Place Finish (Jan - Feb 2020)
  - Developed *TheraPITT*, an app for connecting students with local mental health professionals
  - Sponsored and judged by industry experts from PNC, NetApp, Google, UPMC, and more
  - Worked as team co-lead and overall project manager (for a team of 5 members)
    - Defined and designed features for both backend and frontend components
    - Defined and delegated tasks to individual team members. Ensured project completed on time
    - Presented project to industry experts and hackathon judges
  - Also had sole responsibility for design and development of UX/UI components.
    - Applied rapid high fidelity and interactive prototyping with proto.io
- *FACET Lab Research Assistant* (May 2019 - Present). Lab focuses on cutting edge research in building adaptive-collaborative learning systems by incorporating HCI, robotics, machine learning, and cognitive science methods.
  - Main responsibilities in data analysis, and UX/UI design and development.
  - Applied both qualitative and quantitative research methods in data analysis
  - Research findings on user-design studies and participatory design presented in
    Mawasi, A., Ahmed, I., Walker, E., Wang, S., Marasli, Z., Whitehurst, A., Wylie, R. "*Using Design-Based Research to Improve Peer Help-Giving in a Middle School Math Classroom*", International Conference of the Learning Sciences 2020

- *Learning Research & Development Center Research Intern* (May - June 2019). Individual research project examining cross-platform behavior among middle school students. Analyzed and presented findings.
- *PLUM Lab Research Assistant* (Aug 2017 - April 2019). Lab focuses on the cognitive psycholinguistic underpinnings of second language learning and processing. Responsible for data sets, data analytics, running experiments and studies. Presented findings on external forums.
- *Leadership* in FEM (Feminist Empowerment Movement) as executive board member, and in MSA (Muslim Student Association) as PR Chair. Organize events and lead productive discussion-based meetings

Skills
- *Programming Languages*: Java, Python, C++, MIPS Assembly.
- *Data analysis*: SPSS, Python Pandas
- Data visualization. Experiment design in cognitive studies
- Machine Learning and model development with TensorFlow. Completed Google's MLCC course.
- Fluent in Turkish and English. Conversant in German.