

EMILIA PAZ OJEDA

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EDUCATION

University of Kansas, Lawrence, KS

Expected May 2020

- Bachelor of Science in Computer Science - Minor in Mathematics
- University Honors Program - GPA: 3.93

WORK EXPERIENCE

Software Engineer Intern

May 2019 – August 2019

F5 Networks, Seattle

- Analyzed SIP protocol automation coverage and delivered a stable SIP test set
- Improved 22% of specific functional areas by using unit tests and functional test case automation

Supplemental Instruction Leader

January 2018 – May 2018

Academic Achievement and Access Center, University of Kansas

- Supported students during coding exercises during lecture and provided one-on-one help during office hours

Technical Assistant

February 2017 – December 2017

Ermal Garinger Academic Resource Center, University of Kansas

- Provided friendly and punctual service to faculty, staff, and students for IT related issues and projects

RESEARCH

Undergraduate Researcher

July 2018 – May 2019

Information & Telecommunication Technology Center, University of Kansas

- Interpreted and analyzed functional programming languages, with an emphasis on Haskell and Habit
- Developed a website that analyzes and type checks functional expressions using Elm and Chevrotrain

Jayhawks Breaking Barriers

January 2017 – May 2017

- Collaborated on a research about the gender leadership gap in STEM startups in the Kansas City area

PROJECTS

Gitmpse

- Created a website that displays GitHub repository information and statistics per given user
- *Technologies:* React, GitHub GraphQL, Semantic UI React

Attend.io

- Developed an app front end that identifies potential drop out students by taking attendance data based on geofencing technologies
- Regnier Venture Creation Challenge startup semifinalists
- *Technologies:* Flask

DataMusic

- Implemented a platform for users to organize and discover music based on their personal likes
- *Technologies:* HTML, CSS, JavaScript, Bootstrap, php, MySQL, python, Spotify API

Minesweeper

- Implemented the interface and recursive algorithms by following a scrum framework with my team
- *Technologies:* JavaScript, HTML and p5.js

SKILLS

- Experienced: C++, HTML, CSS, JavaScript, Haskell, Latex, Microsoft Office, Adobe Photoshop
- Familiar: C, Python, PHP, MySQL, Angular, Flask, React, Adobe Creative Suite

INVOLVEMENT & LEADERSHIP

- HackKU
 - *Chair ('20):* Head a team to organize and fund a 200+ attendees hackathon
 - *Marketing chair ('19):* Quadrupled the attendance in a year and helped obtain \$1700 in funding
- Association of Computing Machinery
 - *Secretary:* Lead administrative tasks and the tutoring program.
 - *ACM tutor:* Provided aid for engineering classes and help students to get involved
- Honors Peer Mentor and Honors Seminar Assistant
- Women in Computing: Outreach activities with Girls Who Code