IVY MURPHY

Mail | P:812.583.9005 | LinkedIn | Website

ENGINEER

SKILLS

Languages: Python, Java, Swift, Rust

Web Development: HTML, CSS, Django, Javascript, PHP, XML, Jinja, Celery, Google Analytics, Adobe Suite, Sketch

VCS: Git

Databases: MySQL, PostgreSQL, Sqlite3, Redis

Platforms: macOS, iOS, Android, Ubuntu, Windows

EDUCATION

Indiana University| **Honors College, Graduating with Highest Distinction, GPA: 3.81**

Bachelor of Science in Informatics, Minors in Computer Science & Human-Centered Computing   *May 2017*

EXPERIENCE

Apple Inc. | Software Quality Engineer   *July 2017 - Present*

- Performed as the top bug and enhancement request filer by 5x of all other colleagues
- Fully lead and developed an automated, full-stack web application using Python, Django, HTML, CSS/sass, Postgres, Redis, and Celery tracking major KPIs that saves over 1,000 working hours yearly
- Contributed to the product's overall strength by generating product enhancements for implementation
- Created and lead a major technical initiative teaching colleagues Git practices, Python, and HTML/CSS to evangelize better testing approaches and enhanced knowledge of entire product

Apple Inc. | Software Quality Engineering Intern   *June 2017 - Aug 2017*

- Created and implemented a nightly, automated tool for developers to rely on for latest build status
- Generated an exhaustive test plan of the overall product depended upon for organized, reliable testing throughout the release
- Achieved the responsibility of researching an entirely new sector positively impacting the team's future testing focus

Google | Technology intern   May *2015 - Aug 2015*

- Engineered a Python script to SSH into wireless controllers, run diagnostic commands, and output results for easy network troubleshooting all throughout Google
- Fully automated staffing metrics for the IT division of Google

LEADERSHIP & CLUBS

Apple Women in Engineering | Leadership Board   *July 2017 - Present*

- Developed and lead multiple networking events with 30+ women attendees to promote confidence and mentorship in tech

Indiana University Informatics and Computing Ambassador Club| President   *Aug 2017 - May 2018*

- Monitored 4 teams of 6-10 students ensuring impactful execution of projects and events growing the inclusive culture of Informatics and Computer Science
- Supported and excited middle school and high school students in their pursuits of technology to grow the inclusivity, and buzz of the technology field

Indiana University | Undergraduate Instructor   *Aug 2015 - May 2016*

- Taught 2 labs of 35 students core CS concepts and algorithms dealing with data structures, sorting, time cost, and testing
- Collaborated with instructors to develop structured teaching methods for an entire course of 300+ students
- Tailored personal teaching style in each one-on-one interaction with students based on their individual needs

Center of Excellence for Women in Technology | Speaker & Mentor   *May 2017 - May 2018*

- Promoted the benefits of pursuing a career within technology for women through leading by example
- Provided help for women to reach equal representation within this field by hosting talks from successful women in industry
- Promoted a creative and fun environment within our events to steer more interested women into technology fields

Indiana University Serve IT | Product Manager   *May 2017 - May 2018*

- Lead 6 students to maintain our website, develop social media content, and consult with potential clients to assess their needs and fit within ServeIT
- Used Agile methodologies to break up tasks and complete sprints, allowing confident dependability on jobs and skills of students

PROJECTS

Kindred, Android App | Product Manager & Software Engineer   *Jan 2018 - Apr 2018*

- Independently executed the software development life cycle on an application targeted to lessen the noise of typical social media, creating a fully bug-free, functioning application in 3 months
- Implemented functional news feeds that dynamically populate user's post submissions along with location tracking and instant messaging

Childrens' Social Robot | Product Manager & Software Engineer   *Sept 2017 - Dec 2017*

- Created a robot to invoke social interaction in children using an Arduino with Python and C++, employing a facial recognition algorithm to understand when individuals are nearing