

Ghiyath Alazzah

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EDUCATION

University of California, Irvine

Bachelor of Science, Computer Science

Class of 2018 (Expected)

Irvine, CA

Relevant skills:

- Python 2.x/3.x
- C/X86 ASM
- Requirements analysis
- Object oriented design
- System/Architectural design
- C++
- SQL/MySQL
- Agile development

TECHNICAL EXPERIENCE

Brocade Communications Systems, Inc.

Manufacturing Software Engineering Intern

June 2016 – September 2016

San Jose, CA

- Served as Scrum master and developer for all iterations of project lifecycle while planning and implementing solutions in weekly PSIs to hand off a product the team can easily continue
- Developed an end-to-end web solution for safely and efficiently transporting OS image files ranging from 2 to 10 GB to remote factory servers across the world as part of a test automation framework
- Designed a secure, lightweight solution leveraging existing infrastructure such as LDAP and Apache in tandem with Flask and HTTPS to keep monetary and man-hour cost low

LogicLink Inc.

Software Developer

March 2016 – June 2016

Newport Beach, CA

- Redesigned legacy POS data reporting system to reduce load time for industry standard reports by factors of 6 and higher
- Met with stakeholders to pitch and secure approval for new API designs that reduced stress on legacy MySQL tables by utilizing automated caching techniques running on Cron jobs
- Completed corporate requirements such as developer access to REST APIs for sales data in releases that averaged 40,000 lines of code

Project SPROUT – University of California, Irvine School of Education

Research Assistant- Web Developer

March 2015 – March 2016

Irvine, CA

- Developed and implemented a portal for a team of 30 researchers to input observational data directly into MySQL database to replace an unconsolidated input process
- Improved UX for non-technical users by designing intuitive flow and key features such as PDF data export
- Designed and developed a site to display information about the study for National Science Foundation grant purposes

Tilo Connect

Software Engineering Intern

June 2015 – September 2015

Santa Clara, CA

- Designed and optimized SQL queries to improve UX by reducing page load time by 73%
- Sanitized data sets of over 2000 entries for marketing SEO driven landing page creation
- Developed and launched beta web app leveraging the LAMP stack for CRM software startup

PROJECTS

SWITCH

2016

Architect, Developer

- Designed web client, electrical circuit, and APIs for an IOT smart electrical outlet that can be controlled via the internet as well as a physical switch

BASHy

2015

Architect, Developer

- Architected and developed initial phase of a lightweight BASH script package manager that leverages BASH, Python, GQL, Google Spreadsheets, and Git
- Directed and led a team of 5 student developers at HACKUCI to get a working prototype in less than 36 hours

Cordoba labs – ISOC App

2015

Consultant

- Improved UX by creating process for Android app to efficiently communicate with service API that reduced network calls by 70%