

Anthony Lackey

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Education

California State Polytechnic University, Pomona – Pomona, CA
Bachelor of Science in Computer Science

December 2017

Experience

QA Analyst Trainee - *Mercury Insurance*

Aug 2016 – Sep 2017

- I used VBA to code and automate a tedious Excel process that talks to a database, increasing the efficiency of the task by 300%.
- Found obscure and rare defects before the feature was published to 500,000+ users.
- Practice Agile / Scrum Methodologies.

Net-Force – Software Developer Intern

Nov 2016 – Apr 2017

- Use Golang's asynchronous capabilities to decrease the duration of a network scanning software from exponential increasing time to a constant time.
- Design and implement software that is maintainable, testable, and efficient by designing and completely understanding the software I am working with.

Quality Assurance Intern – *Mercury Insurance*

Mar 2015 - Aug 2016

- Wrote two scripts to reduce the time it took to parse and fill in data by 200%.
- Used SOAP UI to parse data from API calls made to our different services.
- Found 4 major defects before releases that would have completely stopped customers from purchases insurance, and 40+ over a year and a half.

Projects

Ask The Neighbor

- Managed our meetings and the project in general to keep everyone on track for the 4-week deadline.
- Used Node.js to communicate with the Google Places API and Google Datastore database to send JSON data to the frontend.
- Coded on both the backend and frontend where I needed to connect both of them acting as the mediator.

myCircle

- Uses ASP.NET Core to build a Rest API using .Net and C# coding principles.
- Configured the application to use Docker and production implementation of keeping secrets.
- Designed the infrastructure for entire Backend for chat messages, history, and permissions.

Capture the Flag Competition

- System engineer for our Capture the Flag Cyber Security competition that will accommodate 50+ people accessing the database, downloading files from Amazon S3, and sending data through Websockets.
- Implemented a web server in Go to allow competitors to download necessary files with a link that expires.
- Manage our infrastructure on Amazon AWS with EC2 instances and S3 buckets.

Open Source Contributions

Pagure - <https://pagure.io/pagure/>

- Communicated with the lead designer to determine the best way to display the repository's creation date.
- Displayed the creation date of a repository using python and Flask.
- Reordered a list of issues for repositories using SQLAlchemy.

Skills

Languages: Node.js, .Net Core, HTML, CSS, Javascript

Technologies: Linux/UNIX, Git, SQL, Docker, AWS

Extracurricular

- Google CS with Android
 - Implemented data structures and algorithms like tries, min-heaps, and string base binary search by creating android games, pair programming, and talking to the Google Engineers.
- Forensics and Security Technology Club – E-Board Webmaster
 - Update and improve the club's website with new or missing information or functionality.