

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 Visual Basic 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 millions of users.
- Practice **Agile** / Scrum Methodologies.

Net-Force – Software Developer Intern

Nov 2016 – Apr 2017

- Used **Go'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

- **Lead Developer** who 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

- **Lead Web Developer** where I helped manage and run our Capture the Flag Cyber Security competition, and have overseen the deployment at multiple public events with 50+ people.
- Implemented a file proxy in **Python** to allow competitors to download necessary files with a link that expires.
- Developed multiple custom fixes and solutions to the **open source** code for our specific use case.
- Manage our infrastructure on **Amazon AWS** with EC2 instances and S3 buckets, and migrate the client to physical servers on campus.

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, C#, Python, Javascript, HTML, CSS, Go

Technologies: Linux/UNIX, Git, SQL, Docker, AWS, Google Cloud Platform

Extracurricular

- Forensics and Security Technology Club – Lead Web Developer **Sep 2016 - Present**
 - Update and improve the club's website with new or missing information or functionality.
 - Add SSL to our Wordpress website.
 - Manage and delegate work to the other web developers, as well as help them with any topics they have questions about.