

REID CAMPOLONG

Software Engineer seeking *Summer 2021* Internship.

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Education

B.S. SOFTWARE ENGINEERING – Rochester Institute of Technology, 4.0 GPA (Dean's List)

(Expected May 2022)

Professional Experience

CURRENT SOFTWARE ENGINEER INTERN – SoftWriters - *Pittsburgh, PA*

(May 2020 - August 2020)

Engineering new solutions for our pharmacy customers across the US.

- Managing team of 4 to build installer for flagship pharmacy software with *Wix* and *Git* tagging.
- Building licensing tool to allow legal team to manage and analyze over **60** licenses for **1094** dependencies.
- Refactoring existing codebase to add abstraction between main product and new API layer.
- Collaborating in a fully *remote environment* using *MS Teams* to communicate with teammates.

Current Tools: **C#, .NET Core, Git, AngularJS, Python, MS Teams**

SOFTWARE ENGINEER INTERN – Datto - *Rochester, NY*

(Jan 2020 - May 2020)

Optimized performance of backend systems to improve customer experience and wait times when backing up files.

- Reduced backend CPU load by **70%** to decrease customer wait time when accessing file backups.
- Refactored Google Calendar backup engine to decrease API calls by **50 million/week**.
- Collaborated effectively in a *remote environment* during internship due to COVID using *Slack* and *JIRA*.

Tools: **Scala, PHP, Ruby, Python, JavaScript, Git**

SOFTWARE ENGINEER INTERN – Klaviyo - *Boston, MA*

(June 2019 - August 2019)

Improved customer retention and experience through full-stack web applications involving *React* and *Django*.

PROJECT: Signup Form Template Library

Created signup form template library for businesses to easily add high-conversion signup forms to their websites.

- Collaborated with the *UI* and *Product* teams to build a signup form template library in *React* to reduce the time businesses spend creating high-conversion signup forms for their website from scratch.
- Over **1,829** businesses created **3,218** signup forms within the first week of launch.

PROJECT: Image Library

Revitalized unused image library tool by revamping frontend with *React* for a modern and intuitive user experience.

- Developed user-friendly interface in collaboration with the *UI* team to improve the searching, managing, and uploading of user assets.
- Skyrocketed usage to over **4,700** users in first month of launch.

Tools: **React, TypeScript, JavaScript, Django Rest Framework, Python, Django, Git, Slack**

SOFTWARE ENGINEER – Vulsec Security (Part-time) - *Rochester, NY*

(March 2019 - June 2019)

Designed and implemented new microservice architecture to reduce network traffic congestion and architectural concerns.

- Lead developer/architect on new internal software to scan over **80,000** customer IP addresses for vulnerabilities.
- Designed new microservices to support heavy loads of customer traffic with product stakeholders.

Tools: **Java, Spark, Lucidchart, Git, Slack**

SOFTWARE DEVELOPER – Thomas Jefferson High School (Volunteer) - *Pittsburgh, PA*

(Nov. 2017 - March 2019)

Built desktop client to sell musical tickets to over **10,000** customers in real-time.

- Developed desktop client in *Java* to decrease customer wait time by up to **50%**.
- Designed system to support multiple clients in real-time during ticket sales using *Google Cloud Firestore*.
- Engineered scalable solution and design plan for project by communicating with school board officials.

Tools: **Java, Google Cloud Firestore/Firebase, JavaFX, MySQL, Git**

Skills

Programming Languages – Java, C#, Python, Javascript/Typescript, SQL, Ruby, Scala, PHP

Technologies – Git, React, Angular, .NET Core, MySQL, Django, JavaFX

Engineering – Software Design Patterns, Microservice Design, Data Structures, REST APIs, Agile & Scrum