

Matthew Ramina

mattramina@gmail.com // <https://mattr555.me>

Education

Rutgers University, New Brunswick, NJ

2021

BS Computer Science

GPA: 4.0/4.0

- Relevant Courses: Data Structures, Computer Architecture, Design and Analysis of Algorithms, Principles of Programming Languages, Systems Programming, Intro to Linguistic Theory
- Trustee Scholar at the Honors College

Work Experience

iCIMS, Inc. – *Software Development Intern*

Summer 2019

- Implemented a web application to quickly and accurately determine the tickets closed in a given release.
- Interfaced with Jira, a local Git repository, and a cache database to generate fully-featured reports.
- Saved hours of time and reduced the potential of shipping incomplete or buggy features to production.
- Worked in a scrum team and took part in sprint planning, review, retrospective, and backlog grooming.
- Fully unit and integration tested, achieving 80% coverage in a continuously integrated environment.
- Utilized current web technologies including React, Spring Boot, Hibernate, Docker, and Jenkins.

RUAutonomous – *Team Captain*

June 2019 – Present

Previously *Subteam Lead*: June 2018 – June 2019, *Software Engineer*: September 2017 – June 2018

- Implemented a live administrative panel for UAS system built for autonomous flight competition.
- Interfaced with judges' interoperability server, onboard imaging systems, and drone autopilot.
- Provided training to new members, assigned tasks, gave status updates, and led a small development team to maintain existing system for aerial imaging and automated obstacle avoidance.
- Utilized current web technologies including Django, React, TypeScript, Leaflet, and WebSockets.

Rutgers University Dance Marathon – *Assistant Director, Finance*

May 2019 – Present

Previously *Captain*: October 2018 – April 2019, *Dancer*: October 2017 – April 2018

- Assisted finance team in raising \$200k+ budget through sponsorship acquisition and gear sales.
- Created opportunities for student fundraisers by procuring locations for storefront donation solicitation.
- Built spreadsheets to track earnings through gear sales and accounting for canning.
- Helped with day-of event operations, including participant sign-in, gear sales, and meal prep.

Commvault Systems, Inc. – *Software Development Intern*

Summer 2018

- Researched and developed backup and restore integration with cloud-managed NoSQL databases, allowing for user-managed full and incremental backups.
- Tested solution across platforms, including between on-premises and cloud configurations.
- Utilized multithreading and internal C++ libraries to build a robust, performant backend solution.

Commvault Systems, Inc. – *Software Development Intern*

Summer 2017

- Implemented features relating to database management in a web frontend for system administrators.
- Assisted in design decisions related to the user experience of database backup management.
- Utilized current web technologies including J2EE, AngularJS, and Sass.

Skills

Programming Languages:

Python, JavaScript, Java, C++

Web Development:

React/Redux, Django, Flask, Spring Boot, CSS/Sass, d3.js, WebSockets

Development Tools:

Git, Unix, Bash, Docker, Jenkins