

Nicholas Chieppa

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Available to start in November, 2021

OBJECTIVE

Goal-orientated computer science major seeking an opportunity that would allow me to prove my coding skills in a collaborative environment.

EDUCATION

Rochester Institute of Technology, Rochester, NY

Expected May 2022

Bachelor of Science in Computer Science

Minor in Mathematics

GPA: 3.59 / 4.00

Coursework Includes: Data Management, Data Mining, Parallel and Distributed Systems, Computer Graphics, Artificial Intelligence, Software Engineering, and Web development.

WORK EXPERIENCE

Software Engineering Intern - Homesite Insurance - Boston, MA

June to December 2020

- Collaborated with experienced cross-disciplinary Homesite team members to analyze, design and develop innovative product features.
- Improved performance of software responsible for retrieving records from a PostgreSQL Database.
- Added application performance metrics to existing projects; integrated metrics with Datadog.

PROJECTS

Stream-Notifier (Java)

Personal Project

- Developed a bot that can respond to visual events that occur on a twitch.tv live-stream.
- Designed a simple algorithm to create a template image which could be compared against sections of a live captured image.
- Implemented an Android interface that can receive notifications of events that happen on stream and display actions a user can take.

Database Management System (Java)

Team Semester Project

- Created a database system from scratch; implementing I/O, conditional searches, and projection on general datasets.
- Made use of software buffers to reduce the amount of time spent writing to disk, improving the databases speed.
- Coordinated meetings with team members, scheduled rooms, and Slack meetings.

TECHNICAL STRENGTHS

Experienced Programming Languages: Java, C, Python

Some Programming Experience With: OpenGL, C++, JavaScript (HTML), Junit, SQL

Software & Tools: Git, Vim, Visual Studio, IntelliJ, Postman

ACADEMIC ACHIEVEMENTS

Dean's List at RIT

Fall 2017 - Present