

# Nicholas Chieppa

631-388-0975 ◇ nicholaschieppa@gmail.com

7 Elmay Place ◇ East Northport NY 11731

Available to start in June 2021

## OBJECTIVE

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Diligent computer science student looking for an organization where I can apply my Software Engineering skills to meaningfully advance a team objective and meet company needs.

## EDUCATION

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**Rochester Institute of Technology, Rochester, NY**

*Expected May 2021*

Bachelor of Science in Computer Science

Minor in Mathematics

GPA: 3.56 / 4.00

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

## WORK EXPERIENCE

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Software Engineering Intern - Homesite Insurance

*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

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**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

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**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

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Dean's List at RIT

*Fall 2017 - Present*