

Christopher Dharma

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Education

Sept 2018 – Present **Illinois Institute of Technology** Chicago, IL
Bachelor of Science in Computer Science & Master of Science in Computer Science, expected May 2022
Heald Scholarship recipient
Dean's List – Spring 2019, Fall 2020, Spring 2021
GPA 3.82 / 4.00

Experience

June 2020 – Present **Teradyne Inc.** Buffalo Grove, IL
Software Engineering Intern

- Identified memory leak issues in large C++ and C# based application, reducing memory overhead by ~150MB
- Debugged over 20 Perl based automated regression tests in a remote virtual machine environment, resolving 2 general defect cases
- Worked with 2 fellow interns and 2 mentors to develop a GUI application in C# that displays comparisons between two CSV log files, relieving the need for manual file comparison
- Upgraded an application to compare and match hundreds of application log files using regular expressions by implementing a C# based command line interface, reducing review time by 4 hours
- Resolved 7 general defect cases in a large C# / C++ based application

Jan 2019 – Present **Illinois Institute of Technology** Chicago, IL
Lab Assistant for the College of Computing

- Tutored students on Python, C, MIPS assembly, Java and managing Git repositories
- Utilized C and MIPS assembly to teach students computer science topics
- Responsible for grading over >40 computer science students, and leading short lab lectures

Leadership Experience

Sep 2019 – May 2022 **Google Developer Student Clubs @ the Illinois Institute of Technology** Chicago, IL
President (2021-2022) & Treasurer (2019-2021)

- Managed organization of over 60 students
- Ran workshops and events to introduce students to Google Cloud, Tensorflow and Python

Projects

Summer 2021 **Timings Comparison Application**

- Designed C# based GUI application to compare custom test application log files, reducing the overall time taken for timings regression tests by about an hour
- Worked in a group of three software engineering interns in an Agile based project, holding standup meetings and performing over 20 code reviews on a multitude of code changes
- Coded main comparison system, linking test cases between log files with a dictionary structure

Oct 2019 **Easy Shot**
Winner of Demonhacks 2019 & JPMorgan Chase's Hack for Good Competition
Link: <https://github.com/awaris123/demonhacks-2019>

- Implemented Alexa skill front end to request and relay information from a remote server
- Coded logic in Node.js and worked with Alexa Skill kit

Skills & Programming Languages

- Fluent
 - Python, Java, C, C#, C++
- Comfortable
 - Javascript, SQL, HTML5, CSS, x86 Assembly, Swift, Objective-C
- Familiar
 - Perl, Haskell