

Christopher Sherman

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Summary

Seeking a software engineering internship that will challenge me and provide me an environment for practicing what I know and learning new concepts and tools as a software engineer

Education

B.S. in Computer Science | May 2021

Illinois Institute of Technology | Chicago, IL

GPA: **3.60/4.00**

Skills

Languages: Java, Python, Haskell, C, C++, JavaScript, SQL

Technologies: Bash, Git, HTML, CSS, Flask, Android SDK, LiDAR, JDBC, Eclipse

Projects

Autonomous Robotics | Extracurricular Project | Fall 2018 – Present

- Interface with a LiDAR sensor to gather data on the environment
- Solve geometric problems to analyze sensor data
- Write algorithms in Python to track robot location, identify obstacles, and locate obstacles using geometric calculations

Library Database | Personal Project | Summer 2019 – Present

- Develop a database to track the use of ~1700 textbooks among ~50 people
- Analyze and document system functional and non-functional requirements
- Draft diagrams and schemas for the database
- The building phase is currently on hold, but the early parts of SDLC were executed

Linder | Web Development Project | Fall '17

- Devised algorithms to match League of Legends players based on shared skills and in-game goals
- Developed backend in Flask microframework for Python implementation
- Used HTML and CSS for frontend design to implement a user-friendly GUI

Work Experience

Teaching Assistant | IIT Computer Science Department | Chicago, IL | Fall 2018 - Present

- Prepare presentations and resources to supplement student instruction in Java and Haskell
- Collaborate with professors to write and edit course assignments
- Grade assignments and provide feedback in a timely fashion

Extracurricular Activities

President | NASA Robotics Mining Competition Team | Fall 2018 - Present

- Plan and run meetings among both team leadership and the general body
- Execute aggressive recruitment strategies, resulting in **50** new recruits to the team Fall 2019
- Foster a communicative and organized team environment by utilizing Trello, Slack, and other applications
- Correspond on behalf of the team with NASA employees, faculty advisors, and other third parties