

Alexander Liu

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OBJECTIVE

Seeking an internship that will help me advance my current skillset for a future career as a software engineer.

EDUCATION

Rensselaer Polytechnic Institute – Troy, NY

Bachelor of Science: Dual Computer Science and Mathematics

Dean's Honor List 2020-2021; Cumulative GPA: 3.96

Expected Graduation 2024

iDTech Coding and Engineering Academy Autonomous and Self-Driving Robotics Lab at MIT

Cambridge, Massachusetts

Course Completion Certificate - 2020

EXPERIENCE

TheCoderSchool - Code Coach

2021 - Current

- Utilized established connection to be promoted from Intern to Code Coach
- Educated students in coding languages such as Python, Java, and Scratch
- Demonstrated competence working in a team environment
- Connected with a diverse teaching staff to effectively coordinate working with the students
- Demonstrated excellent patience working with young students and adapting to different situations

PennApps XXI - Developer

2020

- Developed a sight-reading music game using the Unity Game Engine
- Expanded my knowledge of many Unity Game Objects, including implementing music, self-made graphics, and event systems
- Gained experience working on time-sensitive projects
- Formalized an idea into reality instead of a simple prototype

HackRPI NRB – Developer

2020

- Winner of the HackRPI NRB Hackathon
 - Developed a prototype app allowing students to efficiently manage their meals through COVID quarantine
 - Excelled under the time constraint of the competition
 - Coded a prototype of an inventive idea using Java and JavaFX
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LEADERSHIP EXPERIENCE

Robotics Team Safety Captain

2019-2020

- Supervised the entire robotics team on following appropriate safety guidelines
 - Updated the world of safety to incorporate mental health by implementing break periods
 - Self-taught how to be an effective safety captain
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SKILLS

- Advanced Proficiency in Java, C++, and Python
- Intermediate Proficiency of HTML, CSS, JS, JavaFX, Unity, C, and LaTeX
- Developing Proficiency of Microsoft Office, Angular, Laravel
- Teamwork and Leadership
- Communication
- Adaptability