

Liam Liden

IT Service Desk Student Leader

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Education

Bachelor of Arts in Computer Science and Economics

August 2017 - May 2021

Grinnell College

Cumulative GPA: 3.9

Selected Coursework: Macroeconomics; Microeconomics; Computer Science: Object Oriented Design; Applied Statistics; Special Topic: Global Health

Study Abroad: Global Health in Cuba, Costa Rica, and Denmark

Work Experience

Student Researcher

May 2019 - Present

Grinnell College Mentored Advanced Project

- Develop stats-based educational games in **Unity** for use in introductory and advanced statistics courses
- Design and implement full software architecture for UI, gameplay, and graphics
- Document and design a user experience and lab worksheets for both educators and students
- Present progress reports to department and Professor leading the research project

Student Leader

August 2017 - Present

Grinnell College Information Technology Services

- Operate front desk and phone-based customer service for technical issues
- Analyze and create tickets in to organize troubleshooting plans
- Supervise student employees during shifts while organizing their work schedules and tasks
- Meet with upper management and other student leaders to plan long term service desk projects

Lead Programmer

October 2017 - May 2017

FIRST Robotics Competition

- Led programming team through planning and developing a robot for competition
- Designed and programmed **C++** project for use in team robot and provided hotfixes during matches

Projects

Defenders Statistics Game

May 2019 - Present

Grinnell College Mentored Advanced Project

- Create statistics education game using **C++** and **Unity** software
- Provide long-term service through debugging, database maintenance, and implementation of new features tested by classroom demos
- Build **PHP** and **MySQLi** database to support data collection, organization, and storage for statistical analysis and game features such as saving or leaderboards

Giving Gardens Website

January 2019 - May 2019

Imagine Grinnell

- Developed web application to support and spread information about local giving gardens
- Wrote database and backend code using **Ruby** and with a strong emphasis on agile software design

Skills

Languages

 Scheme, C, C#, C++, PHP, SQL, Ruby, Rails, and Java

Software

 Eclipse, Android Studio, Unity, Github, and Microsoft Office