

Harinder Gakhal

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EDUCATION

OREGON STATE UNIVERSITY

Expected Graduation: June 2022

- **Major:** Computer Science, B.S *GPA: 3.34*
- **Programming Coursework:** Data Structures/Algorithms, Test Driven Development, Mobile Development, Linux, C, Java, Python, Web Development, and Assembly.

PROJECTS

Sports Betting and Analytics App

- Developed a cross-platform sports betting and analytics app that displays sports live scores and news.
- Utilized Ionic 4 framework to build the app.
- Implemented a REST API that provides live functions, and content updates.
- Scheduled weekly cycles to develop and test features and met with our group to discuss new ideas and demo the current state of the app.
- Leveraged Knowledge: Angular, TypeScript, HTML, CSS, API integration, and Git.

Movie Search Website

- Built a website that can search through the Open Movie Database API.
- Took advantage of Node.js and Express to serve and route pages.
- Implemented Handlebars to templize parts of the website and load content dynamically.
- Leveraged Knowledge: JavaScript, Node.js, HTML, CSS, API integration, and Git.

Real-time Messaging

- Built a real-time messaging service that interfaces in the terminal.
- Separate server-side and client-side apps.
- Each user can connect to the server via sockets.
- Leveraged Knowledge: Java, Multi-thread applications, Server/Client design, Git.

CLUBS

OSU Robotics Club:

Implemented stereo cameras for autonomous driving.

OSU Security Club:

Participated in NSA CTF and other team hacking challenges.

EXPERIENCE

Sales Associate

Express

November 2016 – September 2017

- Assisted customers to find products.
- Handled transactions at the cash register.

Volunteer

Shared Hope International

November 2014 – March 2015

- Managed inventory, packaged and mailed flyers.
- Recorded data in Excel.