# Alec Hayden

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## Computer Science Student

- Senior pursuing a Bachelor's Degree in Computer Science (graduating 6/2020)
- Strong foundation in computer science fundamentals
- Course and internship experience in developing, testing, and debugging code
- Proficient in Object-Oriented Programming and Web Development
- Natural leader and team player with a strong desire to learn
- Personal interests include security, cryptocurrencies, snowboarding, and art.

## Education

**Oregon State University – Corvallis, OR**                    **Graduating June 2020**

B.S. in Computer Science w/ Business & Entrepreneurship minor – GPA: 3.3

- Core Computer Science Courses Completed
- Completed all math courses required, including Vector Calculus, Engineering Statistics, and Discrete Math
- Business Operations, Management, Marketing, Financial Management, Entrepreneurship, and Technical and Business Writing
- Completed electives are Autonomous Racing and Intro to Security

## Experience & Accomplishments

**Senior Project: Algorithmic Trading Application**          **October 2019 - Present**

- Lead seven other developers to build our client's idea of an Algorithmic Trading Application for Financial Resilience.
- Designed, built, and tested the project from scratch

**Technical Writing Internship w/ Alkemi Network**          **February 2020 - Present**

- Helped clients and users understand the Alkemi Liquidity Protocol
- Wrote public articles and internal documentation
- Participated in project management and frontend development

**Software Development Internship w/ Lightspeed Systems**          **Summer 2018**

- Web Development using HTML, CSS, JS, PHP, and SQL.  Created a webpage to query monthly, quarterly, or yearly statistics for the 300 million results in the DB
- Automation for installing, testing, and uninstalling the client package using a bash script for Mac OS and batch script for Windows

**Vice President of Phi Kappa Psi Fraternity**          **February 2017 - June 2017**

- Commanded and controlled all internal operations of the chapter
- Planned and managed chapter events such as community service, yearly banquets, and brotherhoods
- Ensured well-being of the 100+ member chapter

**Cryptocurrency Trading Community Developer**          **April 2019 - October 2019**
**OSU Hackathon – Best Console App**          **Summer 2018**
**Virtual Student Federal Service Internship**          **August 2019 – January 2020**
**College of Engineering Leadership Academy**          **February 2018 – Present**

## Technical Skills

C, C++, C#, Python, Ruby on Rails, HTML, CSS, JavaScript, Java, Junit, Jira, PHP, Database Management, .Net Frameworks, SQL, Git, bash/batch scripting, Latex, RabbitMQ, Visual Studio, R, ROS, Microsoft Office, Linux, Windows, Mac OS, Vegas Pro, and Ableton Live