

COLIN HAYES

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973-412-5122

EDUCATION

University of Iowa • Computer Science BSc • Exp. Grad. 12/2020

University of Iowa • Mathematics Minor • Exp. Grad. 5/2021

- ACM Student Chapter Vice President (2020-2021)
- ACM Student Chapter Secretary & Treasurer (2019-2020)
- Associated Residence Hall Petersen Senator (2017-2018)

Davenport Central High School • Earned 06/2017

- National Honor Society Member (2017)
- Davenport Central Golf Team Varsity Captain (2014-2017)
- Davenport Central High Tennis Team (2016-2017)

SKILLS

Languages:

Python, Java, C++, JavaScript, React.js, HTML, CSS, MySQL, SQLite

Tools:

Data Structures, Algorithms, AWS, IntelliJ, PyCharm, GitHub, Visual Studio, Jira, Agile, JUnit Testing, VIM, Wing

PROFESSIONAL EXPERIENCE

Web Developer Intern • PEAK Degrees • 10/2019 – Present

- Developed full-stack web applications using Squarespace, JavaScript, HTML, and CSS with little need for supervision or guidance on day to day tasks.
- Gathered client requirements in order to ensure that the final product suited business and design needs.
- Participated in sales calls in order to better understand the marketability of the product.
- Some projects can be seen in the company's portfolio: <https://www.squarespace.com/designer/profile/3579170>

Yard Worker • Menards • 6/2018 – 9/2019

- Ensured all bases were covered throughout the lumber, filling in wherever needed it by being cross trained in the board shed, garden center, and receiving departments.

Summer Intern • LAMCO Slings and Riggings • 6/2017 – 8/2017

- Increased productivity by doing 2 months of re-formatting & organizing of Creo archives in under a week.
- Ensured product quality by performing safety checks on over 4,000 parts.
- Made deliveries to clients sometimes multiple hours away, making each one on time.

Engineering Apprentice • Edgewood Chemical and Biological Center • 6/2016 – 8/2016

- Helped organize software development team by designing, building, and implementing a link management system with C# backend, HTML & CSS frontend, and XML storage which was used daily by the development team.

PROJECTS

- Experience with React.js and React Native
- Experience using AWS to host RDS, Elastic Beanstalk, and EC2 instances
- Experience with Discord API coupled with Node.js
- Experience with Google Maps and MapBox API
- Experience building and racing multiple first-person view Racing Drones
- Experience building raspberry pi cars and other small breadboard projects

ACHIEVEMENTS & AWARDS

- Google Hash Code 2020 University of Iowa Hub Gold Medalist
- Google Tech Challenge 2020 University of Iowa winner
- Davenport Central Jim Fox award