

Connor Wilson

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Work Experience

Full Stack Software Developer – Asignio, Remote worker

September 2021 – Current

- Passwordless multi-factor authentication startup

- Worked in a fast-paced start-up environment using agile development practices.
- Implemented HTTP requests using C# and .NET MVC framework to facilitate communication between client-side and server-side components of the web application.
- Developed responsive web applications allowing for compatibility for a range of users, devices, and screen sizes using Razor, CSS Foundation, Ajax, JSON, and jQuery.
- Created and maintained .NET microservices to improve user notifications.
- Wrote SQL queries for reading, writing, and updating user data efficiently.
- Enhanced marketing site using jQuery and CSS Foundation framework, bringing 20% more users to our main site.

Farmer – WWOOF, Captain Cook, Hawaii

September 2022 – December 2022

- Nonprofit cultural and education program focused on sustainable agriculture

- Worked part time on an off-grid coffee and fruit farm.
- Helped harvest, maintain, and start a variety of crops using multiple tools and techniques.
- Collaborated with other workers to set goals for the day and ensured all tasks were completed in a timely manner.

Full Stack Software Development Intern – Asignio, Seattle, WA/Remote worker

Summer 2018, 2019, 2020

- Passwordless multi-factor authentication startup

- Used .NET MVC, C#, and SQL for full-stack development. Created a password keeper and file system for managing user's passwords and data.
- Utilized Git to manage iterations of code and GitHub to collaborate with other team members.
- Improved security with password encryption algorithms.
- Gained experience using SQL for storing and retrieving data.
- Used Jira software for collaboration with team members and bug/issue management.

Math Learning Assistant - Oregon State University, Corvallis, OR

January 2021 - June 2021

- Assisted professor with classroom sessions of 60-100 students.
- Facilitated discussions for breakout rooms via Zoom.
- Responded to online discussion board posts regarding homework questions.
- Researched efficacy of synchronous vs asynchronous remote courses.
- Learned about different teaching and learning styles through pedagogy class.

Undergraduate Research Assistant-Oregon State University, Corvallis, OR

January 2019 - June 2020

- Implemented software to facilitate the integration of additive and subtractive manufacturing processes to enable hybrid manufacturing.
- Developed one comprehensive G-code (commands that instruct the printer) for 3D printing and milling using C++ and File I/O.
- Designed a GUI using Windows Presentation Foundation and XAML to receive user inputs to construct G-Code.
- Presented research at Oregon State University Celebrating Undergraduate Excellence (CUE) fair.
- 1 of 8 finalists nationally to present my research at the ASME 2019 MSEC conference.

Oregon State Engineering Leadership Academy

September 2017- June 2021

- Learned valuable leadership skills to apply in the workplace, school, and group work environments.

Education

B.S. Computer Science 2021, Cum Laude - Oregon State University, Corvallis, OR

June 2021

- Major: Computer Science | Minor: Mathematics

Awards

- UG Dubach Balanced Man Scholarship January 2020
- Undergraduate Research Scholarship and the Arts (URSA) Engage Award January 2019
- 1st place in the Nike Innovation Pitch Competition April 2019
- Larkworthy Engineering Scholarship June 2016