

# Connor Wilson

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## Work Experience

**Full Stack Software Developer - Asignio, Remote Worker** **September 2021 - July 2024**  
- 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 browsers, users, and devices using Razor, CSS Foundation, Ajax, JSON, and jQuery.
- Created and maintained user notifications using .NET microservices and RabbitMQ.
- Wrote SQL queries for reading, writing, and updating user data efficiently.
- Enhanced marketing site using jQuery and CSS Foundation framework.

**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/Remote Worker** **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.

## 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 Nike Innovation Pitch Competition **April 2019**
- Larkworthy Engineering Scholarship **June 2016**