

Alex Grejuc

+1-971-285-0039

grejuca@oregonstate.edu

[in /alexgrejuc](#)

[/alexgrejuc](#)

Education

Oregon State University

Honors Bachelor of Science in Computer Science with a minor in English Literature

3.94 GPA

Class of 2021

Corvallis, OR

Experience

Software Engineering Intern - Thermo Fisher Scientific

Developed electron microscopy software in C# for the Research & Development dept.

- > Implemented features of an interpreted electron microscope command language
- > Built a regression test output parser-analyzer CLI utility with MariaDB integration
- > Contributed to an image analysis tool & network app for hardware test automation

04/19 – 09/19

Hillsboro, OR

Programming Languages Research Assistant (paid) - OSU PL Research Group

Worked with Professor Martin Erwig's group to study and develop explanation languages

- > Co-author: "Explaining Spreadsheets with Spreadsheets" in GPCE '18
- > Developed spreadsheet explanation utilities in Haskell

03/18 - 03/19

Corvallis, OR

Internet of Things Research Assistant (paid) - OSU OPEnS Lab

Worked with Dr. Chet Udell in the OPEnS Lab on open source IOT tech

- > Programmed and soldered wifi modules for agricultural sensor networks

02/17 - 12/17

Corvallis, OR

PR Intern - Portland Office of US Senator Ron Wyden

Communicated with constituents & press alongside Wyden's staff

06/16 – 09/16

Portland, OR

Projects, Activities, & Courses

- > Developing an educational programming language for middle school CS education
- > Developing a Pascal interpreter in C++
- > Graduate courses: Programming Languages I, Advanced Functional Programming
- > OSU Rotaract, Officer at Large: Organized and attended volunteering events in Corvallis
- > OSU Linux Users Group: Learned, discussed, and shared knowledge about Linux
- > OSU Honors College Council: student representative, voting member

Skills

- > Experience in: C#, Haskell, C, C++, \LaTeX
- > Familiar with: Java, Python, Bash, PowerShell
- > Git, test-driven development, GNU/Linux
- > Fluent in Romanian (C1), some Spanish (3 years, high school)

Awards

- > Finley Academic Excellence Scholarship, four year
- > Various OSU EECS Scholarships (x4)