

Austen Nelson

ajn6@pdx.edu — Software Engineer / Data Scientist

Work Experience

- **Self Employed** | 2014 – 2017 | **Math and Science Tutor**

Operated a small personal business where I mostly tutored calculus to engineering students

- **Portland State University** | 2019 – ... | **Technical Course Support Specialist**

Karla Fant teaches a majority of the lower division courses (CS162, CS163, CS202) at PSU

Responsibilities include:

- facilitate homework recitation and labs
- proctor programming proficiency demos and written exams
- create course materials
- grading and administrative tasks

Education and Skills

- **Portland State University — BCS**

Pursuing a bachelor's of Computer Science with a minor in Mathematics for graduation in 2021

- **Computer Languages**

Rust, C/C++, Java, Latex, Python, R, JavaScript

Personal Interests and Projects

- **Monte Carlo Simulation of Set[®]**

I am interested in the probabilities of this game

An analysis I did can be found here: Set Simulator

- **Linear Algebra**

I am co-developing an open source linear algebra library with the help of Waylon Cude

It is very much in progress: matrixlab

References

- Karla Fant — Senior Instructor, PSU MCECS — (503) 725-5394
- Waylon Cude — Software Engineer, Galois, Inc. — (503) 830-1325