BLAKE CECIL

`bcecil2.github.io`

blakemadness@gmail.com ⋄ 541 815 0907 ⋄ Corvallis, OR

`github.com/bcecil2`

EDUCATION

Bachelor of Computer Science, Oregon State University · Expected 2021
Minor in Mathematics, Oregon State University · Expected 2021
GPA: 3.96

TECHNICAL SKILLS

General	Mathematics, Functional Programming, Machine Learning/Deep Learning
Languages	Python, C++, C, Haskell, Javascript, HTML, SQL, PHP
Tools	Git/Github, Latex, Bash

EXPERIENCE

Intern · April 2020 - Present
Oregon State University Advantage · *Corvallis, OR*

- Preparation and creation of technical documents.

Mathematics Tutor · Sep 2018 - Jun 2019
Central Oregon Community College · *Bend, OR*

- Tutored subjects ranging from high school algebra to college calculus.
- Responsible for opening and closing tutoring center.

Shipping/Warehouse Employee · Jun 2017 - Sep 2017
Giant Loop · *Bend, OR*

- Packed, processed, and shipped orders.
- Inspected and Assembled incoming goods.
- Cleaned and organized warehouse.

PROJECTS

Toy Compiler An ongoing project to build a compiler from scratch based on the course nand2tertis.
GitHub: `github.com/bcecil2/JackCompiler`

- Parsing and code generations in Haskell
- VM to assembly translator written in ruby

Machine Learning/Deep Learning Notes and Exercises based on Stanford's various machine learning classes and tutorials.

- Convolutional Nets For Image Recognition `github.com/bcecil2/cs231n`
- Unsupervised Learning/ Deep Learning `github.com/bcecil2/UFLDL-Tutorial`
- Machine Learning `github.com/bcecil2/CS229-Machine-Learning`

Handwritten Digit Recognition A small web app for users to draw digits and have them recognized in realtime.
GitHub: `github.com/bcecil2/Diginet`

- Network trained on MNIST using Tensorflow.js
- Digit writing implemented in javascript
- Image preprocessing using openCV.js

EXTRA-CURRICULAR ACTIVITIES

- Member of Oregon State University Association of Computing Machinery

- Member of Oregon State University Mathematics Club

- Member of Oregon State University Artificial Intelligence Club