Garrett P. Carder

2062 North Fourth Street Columbus, Ohio 43210 | (419) 956-9006

carder.320@osu.edu | garrettcarder.com

EDUCATION

The Ohio State University   Columbus, OH
August 2018 - Present
Bachelors of Science in Computer Information Science,   Expected Graduation: May 2022
Specialization in Software Engineering   `   GPA: 3.44

SKILLS

Coding: NODE.js, mongodb, React, Linux, java, HTML, CSS, PHP, MySQL, Python, Angular,

Engineering / Design: Arduino and Raspberry Pi, 3D Printing, Laser Cutting, CNC Routing, Fusion 360, AutoCAD, MeshMixer, Various Slicing Softwares, Photoshop, Some Unity

Course Work: CSE 3241 (Intro to Databases), CSE 2231 (Software 2 Data Structures.& Algorithms), CSE 2221 (Software 1 Data Structures.& Algorithms), CSE 2331 (Foundations 2), CSE 2501 (Computing Ethics), CSE 2321 (Foundations 1), CSE 1222 (C++ Programming), Math 1151/1152 (Calculus 1 and 2), Stats 3470

EXPERIENCE

The Innovation Studio - Student Manger   Columbus, Ohio
April 2019 - March 2020, April 2021 - Present

- Mentor Student and Faculty pitches
- Prototype Products for pitches
- Service and Upgrade Machines
- Helped Delegate $2,000 of funding on pitch day

BDAA Executive Board - Web Director (bdaaosu.org)   Columbus, Ohio
October 2020 - Present

- Ported Website to React with express.js Backend
- Changed Design to be Mobile Friendly
- Built Resume pool with Google Authentication and Role Based Access for Club Sponsors utilizing Auth0 and JSON Web Tokens
- Integrated CI/CD with Netlify

Research   Columbus, Ohio
August 2020 - Present

- Coauthored Time, Place and Scope: A Journey through the U.S. Supreme Court and it's Friends
- Wrote dynamic web scraper to pull 300,000 lines of company data
- Cleaned Data and Verified Accuracy
- Wrote web scraper to pull 250,00 congressional speeches

See3D, INC. - CTO (see3d.org)   Columbus, Ohio
October 2018 - Present

- Printed over 1300 3D Models
- Worked 1 on 1 with Disabled Users
- Lead a team of 4 Programmers
- Pitched for Funding Five Times
- Built bot for Slack with NODE.js and MongoDB
- Acquired 501(c)3 Nonprofit Status
- Built ADA Compliant Website using express.js and pug templating engine

Ohio State School for the Blind - Volunteer   Columbus, Ohio
January 2018 - Present

- Coordinate model club for blind and low vision students k-12
- Troubleshooted 3D printer issues
- Make 3D printers accessible to blind students
- Setup cloud 3D printing with OctoPi and PolarCloud

Office Depot, Inc. - Sales Associate   Defiance, Ohio
October 2017 - May 2018

- Sold Technology and Subscriptions
- Operated print shop and Quoted jobs
- Handled Inventory and Store Operations
- Diagnosed and Fixed IT Problems