

Dominick Agnello

Email: dagnello@asu.edu | Website: dagnello.io | Phone #: +1 (602)-708-9935
GitHub: github.com/Blugil | LinkedIn: linkedin.com/in/dominickagnello/

Education

Arizona State University, Tempe, AZ

- Pursuing a bachelor's degree in Computer Science | expected graduation: May 2023

Skills

Programming Languages: JavaScript, C/C++, Java, Python

Notable Language Frameworks: React, Node and Express all for JavaScript.

Soft Skills: Git/GitHub, Unix shell, Linux Environments, MacOS, Windows, MongoDB, RESTful APIs, Adobe Suite, CLion, IntelliJ, VS Code

Experience

Computer Science Undergraduate Teaching Assistant at Arizona State University Jan 2021 – Present:

- Host office hours for two or more hours per week assisting up to 20 students at a time with assignments and computer science concepts by reinforcing their knowledge and helping them come to their own conclusions.
- Preview weekly lecture slides and quizzes to check for errors while maintaining constant communication with the professor and grader to ensure a smooth semester for over 700 students.

Front End Developer Intern at Fisher PHX | May 2019 – January 2020:

A graphic design and web development firm that has worked with companies along the lines of APS and the Phoenix Suns.

- Used the React JavaScript library to create projects with a component-based architecture that allowed for quick and efficient application design and implementation.
- Designed and prototyped user interfaces to give web applications an easy and intuitive user experience without compromising in functionality.

Cashier at Fry's Food and Drug | May 2018 - August 2018

- Facilitated customer satisfaction with a high items-per-minute scanned and a friendly and energetic attitude.
- Managed six self-checkout kiosks and facilitated the customer experience by providing proactive customer engagement to ensure holdups prevented.

Projects

What's for Lunch:

An inhouse lunch ordering web application created while working at Fisher PHX.

- Implemented a scalable component driven React frontend to create a CRUD web application that enabled a more efficient lunch ordering system for all twelve employees.
- Used Google's Firebase service to implement an efficient serverless NoSQL database that enabled fast load times and a zero-cost upkeep.

JobieBot:

A Discord bot developed to allow users to request a picture of a cat and upload their own cat pictures to a database leveraging discords image hosting platform.

- The source code for the Discord Bot was implemented using Node to integrate with Discord's own discord.js library.
- Learned and implemented a MongoDB NoSQL database to work alongside the Node backend to quickly deliver queries and allow for easy expansion.
- Used Digital Ocean's VPS platform alongside pm2 and tmux to ensure pushing code to production would maintain a constant uptime