

Education

Georgia Institute of Technology
M.S. Computer Science (Part time/Online)

Jan 2021 – May 2023
Online

University of Oklahoma
B.S. Engineering Physics, GPA: 3.5/4
Minor: Computer Science

Aug 2013 – Aug 2018
Norman, OK

Work Experience

Epic Systems
Software Developer

Feb 2019–April 2020
Madison, WI

- Migrated existing hospital admissions applications from VB to ASP.NET using C# and Typescript.
- Reduced server response times to migrated applications by 33%.

Center for Creation of Economic Wealth
Software Intern

Aug 2018–Dec 2018
Norman, OK

- Developed customer analytics web application for local business using the MERN stack, incorporating AWS Rekognition functionality.
- Responsible for building the API with Express and modeling the database in MongoDB.

American Fidelity
Automation Intern

Aug 2018–Dec 2018
Oklahoma City, OK

- Developed automation scripts using Selenium to optimize workflows.
- Created image classifier to process insurance forms using DataRobot and Pandas.

University of Oklahoma
Research Assistant

Aug 2016–May 2017
Norman, OK

- Developed scripts to gather data and perform movements for a multi-limbed robot in optimizing manipulation tasks.
- Generated probability trees to determine relationships between object properties and successful grasps or manipulations.

Technical Skills

- Languages: Python, C++, C#, Typescript, Java
- Web: Django, Node.js, React, ASP.NET
- Misc: Docker, Git, Bash

Projects

- **Kickstarter Prediction** - Developed a website using the MERN stack to predict the success of Kickstarter projects (React, NodeJS, MongoDB)
- **Library Reservation** - Developed a system using Selenium that allows students to reserve study spaces on from their university's website (Python)
- **Flappy Bird Bot** - Created a bot to play Flappy Bird using reinforcement learning (Python)
- **Reddit State Selector** - Developed an extension that localized a user's front page of Reddit (Angular)