

George Ye

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Education

Georgia Institute of Technology | BS/MS in Computer Science

GPA: 3.94/4.0

College of Computing

Atlanta, Georgia

- BS Expected: 2022
- MS Expected: 2023

Skills

Languages: Java, JavaScript, Python, C, HTML5, CSS

Concepts: Object Oriented Programming/Design, Algorithm Design/Analysis, Data Structures, Artificial Intelligence, Machine Learning, Genetic Programming, Full Stack Development

Work Experience

Incoming Amazon SDE Intern

June 2021 – September 2021

GTRI Full Stack Developer Intern

May 2020 – December 2020

Cipher AST Team

Atlanta, GA (Remote)

- Build inventory management app for business operations team to track 1000+ assets.
- Develop slack bot to assist with slack services for entire IT department (50+ users).
- Utilize ReactJS and Material UI to build progressive web apps with dynamic front end components.
- Develop in NodeJS to create REST API routes, authentication and security logic, and session management
- Collaborate with team members to design databases with MySQL and MongoDB
- Follow software development lifecycle using agile/scrum methodology and performed code reviews.
- Deploy apps on servers through Docker containers/Kubernetes.
- Utilize Git version control with Bitbucket and Gitlab.

IT Desktop Support Intern

December 2019 – May 2020

Georgia Tech Office of Information Technology

Atlanta, GA

- Provide level 2 technical support for IT department (500+ users).
- Assisted users with account setup using Active Directory and achieved high user satisfaction.
- Rapidly learned to new technologies such as case management system ServiceNow and PuTTY to solve issues.
- Set up and image 50+ laptops and machines for employees to transition to work at home during COVID.

Projects

Automated Algorithm Design – VIP Team

January 2021 – Present

Python, Genetic Algorithms and Programming

- Create an automated method that starts with the best human algorithms that develop into hybrid algorithms that outperform existing methods.

Coding Web App

August 2020 – October 2020

ReactJS, NodeJS/Express, MongoDB Atlas, Heroku

- Personal project to develop an online code compiler and coding practice web app.
- Serves as an online compiler and coding question for Java, JavaScript, and Python.

Scene Recognition with Machine Learning (Team)

May 2020 – July 2020

Python

- Performed multiclassification on MIT Places dataset using machine learning.
- Documented a report on the accuracy of KNN, Decision Tree, Neural Nets and CNN on color image recognition.

Leadership/Volunteering

Bringing Chess to Senior Center

September 2018 – January 2019

Volunteer

Benton House of Woodstock

- Spearheaded chess program for senior citizens suffering from dementia
- Developed a weekly program to strengthen memory through different chess tactics and to bring fun to seniors

Prison Ministry Clothing Drive

May 2017 – August 2017

President

Atlanta, Georgia

- Assembled and led a team to donate interview and work clothes for ex-convicts
- Liaised between various stakeholders such as the Archdiocese of Atlanta, Goodwill, and alteration/dry cleaning stores to provide 30+ sets of work clothes and shoes

Awards and Achievements

- Dean's List 2019 - 2020
- Zell Miller Scholarship 2019 - 2020
- 3rd Place for Anthem Challenge at HackGT 2020
- Governor Honor's Program 2018