

George Ye

678-365-1412

george.ye45@gatech.edu

<https://george-ye45.github.io/>

<https://www.linkedin.com/in/george-ye-45g/>

Education

Georgia Institute of Technology | BSc in Computer Science

College of Computing

- GPA: 3.92/4.0

May 2022 (Expected)

Atlanta, Georgia

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)

- Develop in ReactJS and Material UI to build dynamic and reusable components
- Develop in NodeJS to create REST API routes, authentication and security logic, and session management
- Design relational databases with MySQL and NoSQL databases with MongoDB
- Collaborate with team members on schemas, layouts and code reviews given stakeholder requirements
- Apply concepts from algorithm design/data structures in increase efficiency of existing code and components
- Follow software development lifecycle and perform unit testing, function testing, and integration testing
- Deploy apps on servers through Docker containers/Kubernetes and use agile/scrum methodology
- 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 major 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