

GEORGE YE

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WORK EXPERIENCE

GTRI Full Stack Web App Developer Intern

May 2020 – Present
Atlanta, GA (Remote)

Cipher AST Team

- Develop in ReactJS for front end development using libraries such as Material UI
- Develop in NodeJS and Express for server-side Rest API routes, authentication, and logging
- Build and manage relational databases with MySQL and NoSQL databases with MongoDB
- Collaborate with team members on schemas and layouts, code reviews, and documentation
- Follow software development cycle and perform unit testing, function testing, and integration testing
- Deploy applications using agile/scrum methodologies
- Utilize Git version control with Bitbucket and Gitlab

IT Desktop Support

December 2019 – May 2020
Atlanta, GA

Georgia Tech Office of Information Technology

- Assisted clients using ServiceNow, Bomgar, and over the phone
- Worked with Active Directory, user info with PuTTY, and other IT applications
- Assisted with device management tasks such as computer imaging and inventory
- Documented articles to the current IT knowledge base

Math Tutor

September 2017 – May 2019
Milton, GA

Self-Employed

- Communicated with clients on expectations, plans, and strategies
- Created individualized lesson plans with lectures and homework
- Utilized time/project management skills to successfully balance business/school
- Delivered outstanding results and developed long term customer relationships

PROJECTS

Coding Web App

August 2020 – Present

(MERN Stack)

- Personal project to develop a coding practice website following SDLC
- Develop and deploy in React, NodeJS/Express, MongoDB Atlas, and Heroku

Scene Recognition with Machine Learning (Group)

May 2020 – July 2020

(Python)

- Performed multiclassification on colored images of different sceneries
- Utilized MIT Places dataset and preprocessed data based on algorithm
- Analyzed accuracy on KNN, Decision Tree, Neural Network and CNN

LEADERSHIP/VOLUNTEER

Chess at Senior Center

September 2018 – January 2019

Volunteer

Benton House of Woodstock

- Spearheaded chess program for senior citizens with dementia
- Developed a program through chess activities for memory strengthening and fun

Prison Ministry Clothing Drive

May 2017 – August 2017

Volunteer

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 clothes and shoes

EDUCATION

Georgia Institute of Technology

College of Computing

BSc in Computer Science

GPA: 3.9/4.0

May 2022 (Expected)

LANGUAGES

Java	HTML
JavaScript	CSS
Python	
C	

FRAMEWORKS/SOFTWARE

React	Git
NodeJS/Express	Material UI
MySQL	
MongoDB	

SKILLS/CONCEPTS

- Data Structures and Algorithms
- Object Oriented Programming
- Full Stack Web App Development
- Machine Learning
- Database Design
- Asynchronous Programming
- Rest API
- Agile/Scrum

AWARDS

- Dean's List (2019-2020)
- Zell Miller Scholarship (2019-2020)
- Governor Honor's Program (2018)
- Georgia Certificate Merit (2017)
- 2nd at GA Chess State Championship (2016)