

ANNE JOSEPH

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EDUCATION

Georgia Gwinnett College (GGC)

Bachelor of Science in Information Technology, Concentration in Software Development

Cumulative GPA: 3.87

Lawrenceville, GA

Dec 2020

Relevant Coursework: Advanced Programming, Intro to Database (MySQL), Software Development, Mobile Application Development, Software Testing & QA, Artificial Intelligence, Information Analytics

TECHNICAL SKILLS & TECHNOLOGIES

- Programming Languages – Java, C++, Python, JavaScript, HTML/CSS, TypeScript, JSON, XML
- Testing Tools – Selenium, JUnit, Jasmine & Karma, CircleCI (CI/CD)
- Development Tools – Git, Android Studio, IntelliJ, VS Code, Eclipse, Jupyter Notebook, Docker
- Project Management /Collaboration Tools – Jira, Microsoft Teams, Piazza
- Project Development Process – Agile Methodology, Waterfall Methodology

ACADEMIC PROJECTS

Grizzly Hacks

Testing and Database Lead

Spring 2020

- Built an academic hackathon website using Observer design pattern to register and communicate with participants following Agile methodology architecture
- Utilized Cloud Firestore for database (NoSQL), Angular for web framework, and Node.js and Express for server-side web application
- Wrote and executed test cases using Selenium, Jasmine & Karma, and modelled database to store data using JSON

Cuisine Checker

Sole Proprietor

Spring 2020

- Developed AI system built on Python that show cultural diffusion of cuisines based on ingredients
- Applied Term Frequency Inverse Document Frequency (TF-IDF), and Principal Component Analysis (PCA) techniques
- Documented code, visualization, and narration using Jupyter Notebook

WifIsDown

Project Lead and Tester

Fall 2019

- Implemented single-player text-based game built in Java utilizing Model-View-Controller (MVC) architecture utilizing Waterfall methodology, and used XML for storing data
- Contributed to all phases of Software Development Life Cycle (SDLC) and programmed mostly on Model component
- Manually tested and fixed most of the bugs introduced in the code

EXPERIENCE

GGC Digital Media Studio

Student Lab Assistant

Lawrenceville, GA

Aug 2018-Present

- Check-in and out items using Microsoft Power Automate, and keeping an updated manual
- Install and update tools for lab computers plus Hardware/software troubleshooting
- Print out 3D objects for faculty for discerning visually, and for research purposes
- Assist students in operating lab electronics, and orient them about existing equipment in the lab

GGC New Student Connection

Student Orientation Assistant (Seasonal)

Lawrenceville, GA

May 2017-Aug2019

- Assisted in the organization and preparation of orientation activities
- Assisted with the class registration process using Student Administration System
- Offered information regarding academic policies and procedures, and all other aspects of life at GGC

GGC STEM Academy

Student Assistant (Seasonal)

Lawrenceville, GA

June 2017, 2018

- Summer outreach program for rising 6th-8th graders and high school students
- Monitored Tech Camp students with laboratory exercises such as Adobe Illustrator and Photoshop
- Assisted MIA (Mathematics In Action) Scholar Program students with mathematics and related activities