Justin Adam

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https://github.com/justin22a

EDUCATION

University of Florida — Gainesville, FL
B.S. in Computer Science w/ Chemistry Minor; GPA: 3.88; Dean's List x4 — *Aug. 2021 – May 2025*
Courses: Operating Systems, Data Structures, Algorithm Abstraction, Software Engineering, CS Architecture

EXPERIENCE

Wells Fargo — Charlotte, NC
Software Engineer Intern — *June 2023 - Present*
- Created a chat-bot displaying Jira data through React utilizing MongoDB to retrieve up to data accurate data
- Used Python & SQL to extract Microsoft Outlook emails to help automate manual tasks - saves 10 hours a month
- Implemented REST APIs using Java with Springboot to automate SharePoint file/data updates

Aite Novarica Group — Boston, MA
Cybersecurity Intern — *May 2020 - Aug. 2020*
- Researched over 400 companies' email security/authentication products to help company email security integration
- Made analytical matrices that were presented company-wide on fraud, vulnerabilities, and insider threats
- Gained technical cybersecurity skills like identifying buffer overflows, DoS, and Cross-Site Scripting attacks

University of Florida — Gainesville, FL
Teaching Assistant (Upcoming) - Python Programming — *Aug. - Dec. 2023*
- Teach a class of ∼20 students core programming concepts in hosted lab sections – hold office hours
- Grade, organize, and provide feedback for python projects with a class of 300 students
- Utilized Canvas API to automate project organization and grading - saves ∼40 hours of organization per project

PROJECTS

StayTraining - Founder/Co-founder
- Mobile app that notifies users to make one post a day of gym workouts or nutritious meals - goal is to promote fitness
- Built in React Native (swift & JS) that utilizes a backend for user data storage - made with one partner using Agile
- Features: daily notifications, fitness/meal plan tracker, social media network, posts with pictures & description

Discord Bot - Internship Opportunities
- Bot built using Discord API in Python notifying a server right when internship opportunities are posted
- Uses HTML and npm JS package managers to scrape particular internship postings - 3 hr latency (max)

NASDAQ Stock Screener - https://gatorscreener.netlify.app/
- React site that compares the sorting of Tim sort and Quick sort in ms of stock data based on characteristics
- Implemented with a backend API sources in JS feeding up to date stock data - developed with a team

Android Bound Linux Operating System - C, C++, Linux, Assembly
- Built functional file system which interprets metadata - recreated fuse daemon functionalities for file GUI
- Implemented custom memory manager to handle OS main memory without leaks - proper data access
- Created multi-threaded kernel programs, networking implementations, system call functionalities, etc. scratch

Minesweeper
- Recreated Minesweeper game from scratch using C++ and SFML graphics (Simple and Fast Multimedia Library)

Personal Portfolio - https://justin-adam-portfolio.vercel.app/

INVOLVEMENT/LEADERSHIP

Opportunity Lead, Executive Board (ACM) — May 2023 - Present
- Lead the Association of Computing Machinery through sponsor/internship opportunities - created discord bot

University of Florida Club Basketball - Co-founder & Member — Aug. 2022 - Present
University of Florida Cheerleader — Aug. 2022 - May 2023
SHPE (Society of Hispanic Professional Engineers) — April 2023 - Present

PROGRAMMING SKILLS

Programming Languages: C++, C, Java, JavaScript, Python, HTML, Assembly, Go, SQL, MATLAB
Technologies: AWS, JetBrains, React, Linux, Git, GitHub, Discord API, VirtualBox, Power BI, Azure