

# Justin Adam

<https://www.linkedin.com/in/justin-adam>

+1 917-572-7746 : [justin.adam@gmail.com](mailto:justin.adam@gmail.com)

<https://github.com/justin22a>

## EDUCATION

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### 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

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### Wells Fargo

Charlotte, NC

*Software Engineer Intern*

*June 2023 - Present*

- Created a chat-bot displaying Jira data through React utilizing MongoDB to retrieve updated/accurate data
- Used Python(pywin32) to extract Microsoft Outlook emails to help automate manual tasks - saves 10 hours a month
- Implemented REST APIs using Java Springboot to automate SharePoint file/data updates

### University of Florida

Gainesville, FL

*Teaching Assistant - Python Programming*

*Aug. - Dec. 2023*

- Teach a class of ~20 students core programming concepts in hosted lab sections - hold office hours as peer mentor
- Utilized Canvas API to automate project organization and grading - saves ~40 hours per project

### Microsoft

Tampa, FL

*Mentorship Program - Mentee*

*July - Aug. 2022*

- Five week program that had a hackathon project along with Microsoft software engineers mentoring mentees

### 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

## PROJECTS

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### StayTraining - 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

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

## INVOLVEMENT/LEADERSHIP

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### Opportunity Lead, Executive Board (ACM)

May 2023 - Present

- Lead the Association of Computing Machinery to/through sponsors/internship opportunities - internship discord bot

### University of Florida Club Basketball - Founder

Aug. 2022 - Present

### University of Florida Cheerleader

Aug. 2022 - May 2023

### SHPE (Society of Hispanic Professional Engineers)

April 2023 - Present

## PROGRAMMING SKILLS

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**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