

# Evan Hadam

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## EDUCATION

### Bachelor of Science in Computer Science and Statistics

Gainesville, FL

University of Florida | Honors Program | GPA: 4.0

May 2026

**Relevant Coursework** *Data Structures and Algorithms, Financial Accounting, Software Engineering, Databases*

## EXPERIENCE

### Software Engineering Intern

May 2023 – Aug. 2023

*QuidelOrtho*

*Rochester, NY*

- Deployed Python script on AWS EC2 to respond to server crashes, reducing development downtime by 30%
- Refactored 11,000 lines of embedded C++ on medical devices, eliminating 2 years worth of technical debt
- Trained team of 50 developers about best practices with 2 oral presentations and 60 pages of documentation
- Presented project to directors and C-Suite executives to gain funding for cloud computing costs

### Research Assistant

Sept. 2022 – March 2023

*UF Department of Health Outcomes and Biomedical Informatics*

*Gainesville, FL*

- Built protein data pipelines with ETL principles and Python for interaction prediction with neural networks
- Created Docker container and UI to provide 7 bioinformatics researchers quick access to protein-peptide analysis
- Reduced potential peptide interactions for target disease by 98%, saving 3 years and \$200,000 of testing cost

### Analyst Intern

June 2021 – Aug. 2021

*RE/MAX Reality Unlimited*

*Tampa, FL*

- Identified over 200 search keyword opportunities with the pandas, NumPy, and Selenium Python modules
- Designed and developed a secure REST API to provide efficient housing data to web developers and consultants
- Started Google Analytics campaigns resulting in 350 leads and \$900,000 in house sales

## PROJECTS

### Ukelele Tuner | Python, NumPy, TKinter, Digital Signal Processing

July 2023 - Aug. 2023

- Developed an open source algorithm using a Fast Fourier Transform to identify ukulele notes for tuning
- Visualized intensity of sound frequencies with TKinter

## LEADERSHIP

### Data Structures and Algorithms Teaching Assistant

Aug. 2023 – Present

*University of Florida*

- Grading coding projects written in C++ for over 500 students
- Hosting exam reviews and 2 weekly office hours to clarify data structures concepts and debug assignments

### Co-Director of Sponsorships

Apr. 2023 – Present

*Dream Team Engineering*

- Leading a team of 5 to host a medical engineering competition with over 300 attendees and 5 corporate sponsors
- Sold sponsorship opportunities to 7 corporations, raising \$5,000 for medical device projects

### Fundraising Director

Sept. 2022 – Present

*Special Olympics at UF*

- Organized a team of 10 to organize fundraising events and raise over \$50,000 in a semester
- Generated automated SMS updates to over 500 Summer Games spectators with Selenium and Twilio REST API

## ADDITIONAL INFORMATION

**Languages:** Python, C++, Java, HTML, CSS, GraphQL, JavaScript, TypeScript, SQL

**Tools/Technologies:** Node.js, React.js, TensorFlow, Amazon Web Services, Firebase, Docker, Selenium, Linux, Git

**Awards:** 1st Place at UF Undergraduate Business Case Challenge, Plant Student-Athlete Award