

# Anthony Khoury

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## Education

University of Florida, Gainesville, Florida

Bachelor of Science in Computer Engineering | Minor in Sales Engineering

Sophomore, Expected Graduation: Spring 2022

GPA: 3.40/4.00

## Relevant Coursework

- Data Structures, Circuits 1, Discrete Structures, Programming Fundamentals 1 and 2

## Technology Summary

- Programming Languages: C++, Python, Java, JavaScript, HTML, CSS, ReactJS
- Database Management: MySQL, phpMyAdmin
- API's and Libraries: GitHub, Google Cloud Platform, Firebase, SFML, Stripe

## Team Experience

Freelancing: Doctor's Office Website (Vanilla JavaScript), Gainesville Florida

**October 2019 - Present**

- Developed client-side experience by working meticulously with a physician to create an advanced web app for her medical practice
- Advanced features of this application include employee payroll and patient appointment scheduling
- Strengthened time management skills by creating wireframes, flowcharts, and meeting with her on a consistent basis all while balancing school and extracurriculars

Startup Hackathon 1<sup>st</sup> Place Winners, University of Florida

**Summer 2019**

- Demonstrated ingenuity and time management skills by creating a company from scratch with a team of 5 over a 36-hour period
- Created a pricing algorithm, customer analysis, financial projections, and a company growth timeline (1, 3, and 5-year projections)
- Displayed leadership skills by presenting our company to a panel of judges
- Won 1<sup>st</sup> place and over \$6000 dollars
- Continued to build the company which allowed me to develop experience writing a business plan, interacting with lawyers, and forming an LLC

Software Engineering Club: Clubfinity App (React Native and MongoDB), University of Florida

**August 2019 - Present**

- Enhanced communication skills and ability to work in a large programming team with 40 total members and 6 in my sub team
- Strengthened leadership skills within my sub team by taking control and assigning tasks based on individual strengths
- Increased my ability to learn and utilize new technologies such as React Native and MongoDB in a short period of time
- Met 100% of project deadlines with valid code and satisfied team members

Job: Math Tutor, Mathnasium

**August 2018 – August 2019**

- Strengthened math competence by teaching Calculus 1 and 2 to high school and college students part time
- Enhanced time management skills by working 20 hours/week while reviewing material to ensure accurate information was given
- Graded student's homework assignments and provided students with feedback, improving student's ability to approach future problems

## Independent Experience

Project 1: Minesweeper (C++), University of Florida

**December 2019**

- Created an advanced minesweeper game by adding extra features such as a debugging mode and sample tests to instruct new players
- Developed a firm grasp on important programming topics such as recursion and event handling
- Strengthened ability to learn and interact with new libraries such as SFML

Project 2: Ecommerce Website called CleanMe (ReactJS)

**May 2019 – August 2019**

- Gained experience creating a user interface specific to the design, interaction, and focus of consumers on websites
- Increased the speed of the web app while reducing time spent programming due to the component nature of React
- Integrated a payment processing feature with React through using the Stripe API

## Research Experience

Undergraduate Researcher- Human Centered Computer Laboratory, University of Florida

**August 2019 – December 2019**

- Collaborated with a team of graduate students to discuss the discrepancy between proper software created for adults and kids
- Held experiments by having children and adults interact with software, collect the data, and determine which variables had correlations
- Reported results in PowerPoint presentation for professor and PhD students to write about in the publication

## Leadership

The Entrepreneurship Collective: Project Manager, University of Florida

**January 2019 - Present**

- Facilitated the creation and execution of business projects the members of the organization chose
- Resolved the structure of a mismanaged organization by having interactive and collaborative projects which increased the retention rate of new members