

Nicholas Ionata

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EDUCATION

Bachelor of Science in Computer Science

May 2021

University of Florida, Gainesville, FL

- GPA: 3.87
- Honors Program, Member
- Financed 100% of college tuition with a merit-based scholarship
- Relevant Coursework
 - Programming 2 in C++, Discrete Structures, and Data Structures and Algorithms

TECHNICAL SKILLS

Languages: Java, JavaScript, C++, Python, Swift

Technologies: React.js, Node.js, Express.js, Flask, Spring, MongoDB, MySQL, Git, Google Cloud Platform

WORK EXPERIENCE

Software Engineering Intern, Raymond James Financial

May 2018 – August 2018

St. Petersburg, FL

- Developed five API endpoints, with another intern, that identified cache staleness across the five Coherence caches on an existing Java Spring Enterprise Service to support an effort to reduce latency below 1500ms
- Assessed the Secure Software Development Life Cycle with a team of 6 other interns and provided data driven recommendations including a holistic vulnerability dashboard and marketing efforts
- Participated in the Internship Development Program alongside 70+ home office interns where we developed ourselves professionally and networked across the firm

Co-Founder/Software Developer, Scanned LLC

September 2016 – September 2018

Palm Harbor, FL | Gainesville, FL

- Led our team in daily operations and project management
- Developed our iOS, Android, and web apps with Swift, React Native, React Redux, and Firebase
- Won 1st place and \$10,000 from the Next Generation Tech Startup Competition

Industrial Engineering Intern, Lockheed Martin

May 2017 – August 2017

Clearwater, FL

- Identified underperforming manufacturing operations through data analysis and presented weekly reports to the Space team
- Developed a work-in-progress inventory tool with VBA that led to cost savings of \$10,000+
- Developed an estimating tool with VBA that transformed a process from 3 hours to 10 minutes

PROJECTS

Danger.ai

January 2019

devpost.com/software/danger-ai-ut58q6

- Developed a serverless REST api in Flask and a video/data repository using Google Cloud Platform
- Developed a dashboard in React.js that displayed processed videos and frame-by-frame metrics
- Won 2nd Place and the Best Use of Google Cloud Platform at SwampHacks2019

SpatialVR

January 2018

devpost.com/software/spatialvr

- Developed a web app to store and visualize game data with MongoDB, Express.js, React.js, and Node.js
- Implemented an algorithm that sorts real-time game data by age and ids
- Won the Home Depot Entrepreneurial Spirit Prize at SwampHacks2018

AWARDS AND ACTIVITIES

2nd Place and the Best Use of Google Cloud Platform, SwampHacks2019

January 2019

- Received for my team's project Danger.ai, a video monitoring system powered by deep learning

Director of Information Technology, Interfraternity Council

December 2018 – Current

- Maintained the IFC and individual chapter websites and implemented technology to increase efficiency

Delegate, The Big Event

November 2018 – Current

- Served as a liaison between Delta Tau Delta and The Big Event team

100° Celsius Award for Hottest Ideas, Raymond James Financial

August 2018

- Recognized as being the intern with the "Hottest Ideas" in the 2018 IT Internship Program

Home Depot Entrepreneurial Spirit Prize, SwampHacks2018

January 2018

- Received based on a great user experience, valid solution to a problem, and technical implementation