Nicholas Ionata

nionata@ufl.edu • 727-902-4583 • NicholasIonata.com • Linkedin.com/In/nionata • Github.com/nionata

EDUCATION

Bachelor of Science in Computer Science   May 2021
University of Florida, Gainesville, FL
- GPA: 3.90
- Honors Program, Member
- Financed 100% of college tuition with a merit-based scholarship
- Relevant Coursework: Programming 2 (C++), Discrete Structures, Data Structures & Algorithms (C++), Computer Organization (ARM), and Software Engineering (JavaScript)

TECHNICAL SKILLS

Languages: Java, JavaScript, C++, Swift, ARM
Technologies: Node.js, React.js, Spring, MongoDB, MySQL, Git, Docker, Mocha, AWS

WORK EXPERIENCE

Software Engineering Intern, Stream Monkey   May 2019 – April 2019
Orlando, FL
- Backend development

Software Engineering Intern, Raymond James Financial   May 2018 – August 2018
St. Petersburgh, FL
- Developed five API endpoints that identified cache staleness across 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

Bloom   January 2019 – April 2019
github.com/nionata/Bloom
- Serverd as scrum master and dev lead for a team of five developers following an Agile methodology
- Configured a CI/CD DevOps pipeline with TravisCI, Heroku, and Mocha
- Archietectured backend, implemented announcements API and middleware, and setup routing

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

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

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