

Michael Chan-Pong

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Education

Bachelor of Science in Engineering, Computer Science

May 2019

- University of Florida, Gainesville, FL
- Minor in Business Administration
- GPA: 3.8/4.0
- Cum Laude
- Relevant coursework: Machine Learning, Algorithm Design, Computer Architecture, Programming Language Concepts, NLP with Python, Intro to Software Engineering, Data Structures and Algorithms, Databases

Skills Node.js, JavaScript, TypeScript, Python, C#, Jenkins, Docker, PowerShell, Bash, Selenium, Git, TDD & Testing, Linux

Work Experience

Infotech October 2019 - Present

Software Developer in Gainesville, Florida

- Fixing defects in web application written in C#, .NET, Entity Framework, MSSQL, Oracle DB, and jQuery with 4+ million lines of code
- Created Jenkins pipeline for generating Docker images of the web application daily
- Maintaining CI system using Jenkins, PowerShell, AWS, and Windows Server
- Discovered multiple XSS vulnerabilities during security testing

Intel Corporation May 2018-August 2018

DevOps Software Development Intern in Hillsboro, Oregon

- Added functionality to and fixed bugs in an internal tool written in C# and Node.js
- Improved code cleanliness and unit testing of Node.js project
- Created database migration script in Python
- Implemented multithreading in the C# tool to achieve 3x speedup

FlexShopper May 2017 - August 2017

Software Engineering Intern in Boca Raton, Florida

- Implemented and improved features in multiple Node.js front-end and API microservices
- Contributed to the initial creation of automated end-to-end tests using WebdriverIO
- Repaired Jenkins test runner for multiple projects using Docker knowledge
- Increased performance of a project's Jenkins tests by 40%

University of Florida January 2017 - December 2017

Teaching Assistant in Gainesville, Florida

- Taught two discussion sections and graded exams for Introduction to Computer Organization
- Improved exam quality by contributing test questions

Leadership

Catholic Gators: Restless Heart Communication July 2018 - May 2018

Director of Internal Campaigns in Gainesville, Florida

- Created marketing campaigns to enhance how students receive information about Catholic Gators and its events
- Wrote Selenium script in Python to automate blog migration from Wordpress to Medium

Honors Concierge September 2017 - December 2018

Scrum Master in Gainesville, Florida

- Spearheaded development of a MEAN-stack web app in Intro to Software Engineering built for the UF Honors Program
- Coordinated stand-ups, designed the app's architecture, set up Travis continuous integration, and distributed workload
- Enabled team by assisting with code issues and teaching concepts like test-driven development and Git workflow

UF Association For Computing Machinery March 2017 - March 2018

Head Software Engineer in Gainesville, Florida

- Designed and began development of a new version of the organization's website to facilitate regular operation
- Implemented HTTPS using Nginx, Let's Encrypt, and Certbot on the site's Ubuntu server

UF First Time Programmers April 2016 - April 2017

Founder & President in Gainesville, Florida

- Created a Special Interest Group within UF Association For Computing Machinery for teaching new programmers
- Ran three programs for helping students gain knowledge, exposure, and mentorship in computer science

UF Honor Chords April 2016 - April 2017

Co-Founder & Music Director in Gainesville, Florida

- Created and led an a cappella group in UF's Honors Program

Languages: Mauritian Creole (Conversational), French (Conversational)