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: 3.85/4.00
- Relevant coursework: Algorithm Design, Computer Architecture, Programming Language
  Concepts, NLP with Python, Intro to Software Engineering, Data Structures and Algorithms, Databases

Work Experience

Intel Corporation — May 2018 - August 2018
DevOps Software Development Intern in Hillsboro, Oregon
- Added functionality 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 one 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 first 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

Project

Fauna Finder — March 2018
HackFSU in Tallahassee, Florida
- Developed front-end for a machine learning, computer vision hack that recognizes deer in images
- Won first place

Leadership

Catholic Gators: Restless Heart Communication — July 2018 - Present
Director of Internal Campaigns in Gainesville, Florida
- Creating marketing campaigns to enhance how students receive information about Catholic Gators and its events.

Honors Concierge — September 2017 - December 2018
Scrum Master in Gainesville, Florida
- Spearheaded development of a 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 lead an a cappella group in UF's Honors Program

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