

Marcus Chiu

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FOCUS

- Algorithm Design & Analysis
- Architectural & Design Patterns
- Web Services & Computer Networks
- Statistical Analysis

WEBSITES

www.marcuschiu.com

Documentation

- confluence.marcuschiu.com *
- doc.marcuschiu.com
- wiki.marcuschiu.com

Proof of Concept

- chat.marcuschiu.com
- d3.marcuschiu.com

TECH STACK

Main Languages

- Java
- Web Languages
- MySQL
- Python
- Shell

Frameworks

- SpringBoot
- Angular
- TensorFlow/Keras

Web Services

- Cloud Services (AWS, GCP)
- API Design Patterns (REST, WebSockets, WebRTC, etc)
- Server-Side Web Frameworks (SpringBoot, Flask, NodeJS)
- Client-Side Web Frameworks (Angular, React, Vue, JQuery)
- HTTP Servers (Apache & Nginx)

Other

- Linux (Debian/RPM)

OBJECTIVE

Master's student studying **Intelligent Systems** with an expected graduation date of Fall 2020. Results-oriented professional with several years of experience as a Software Developer and DevOps Engineer. Love building web services, computer networks, and implementing algorithms. Interested in growing my skill set and applying it to challenging problems.

WORK EXPERIENCE

Software & DevOps Engineer — Kibo Commerce

September 2016 - March 2018

- planned and disseminated tasks upon team members in a scrum/agile environment
- implemented a large-scaled order management system to fulfill orders on an international level
- incorporated test-driven-development to oversee the course of implementation while maintaining high technical throughput
- designed and implemented large-scale auto-deployments as the underlying infrastructure of an e-commerce platform
- AWS infrastructure while utilizing Jenkins, Configuration Managers, and Infrastructure as Code

Android Developer — Ghoomo

January 2016 - May 2016

- provided overall team leadership from designing the first wireframes to kickstarting the implementation processes
- effectively disseminated tasks amongst the team while handling the joint interfaces between them

EDUCATION

MS in CS — The University of Texas at Dallas GPA 3.89

August 2018 - Expected May 2020

BS in CS — The University of Texas at Dallas GPA 3.40

August 2012 - May 2016

PROJECTS

Doc Web App — doc.marcuschiu.com

Version 1 - March 2018 - May 2018

- designed and implemented a documentation website from the ground up
- utilized a culmination of technologies from backend to frontend SpringBoot, Nginx, Angular, RaspberryPis, AWS, Proxy, MongoDB

