Il Jae Lee

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OBJECTIVE

Programmer with a passion for learning new technologies.

EDUCATION

University of Michigan   *April 2019*

B.S.E in Computer Science & Engineering, Overall GPA: 3.957/4.0

Relevant Coursework: ENGR 151: Accelerated Introduction to Computers and Programming, EECS 203: Discrete Mathematics, EECS 280: Programming and Introductory Data Structures

EXPERIENCE

OnboardIQ (YC 2015)   May 2016 - August 2016

Software Engineering Intern   *San Francisco, CA*

· Implemented new features on OnboardIQ's application using Ruby on Rails framework
· Incorportated agile methodologies to development process

Solidware, Inc   July 2015 - August 2015

Software Engineering Intern   *Seoul, South Korea*

· Programmed SolidStudio, a SaaS machine learning & visualization solution for financial institutions
· Ported MATLAB code to C++ code following in-house MapReduce processing model for faster performance
· Optimized code to run under strict streaming-memory restrictions, even with multi-terabyte sized data
· Developed software was deployed to a major multinational insurance firm and top loan firms in Korea

ACTIVITIES

Michigan Student Artificial Intelligence Lab   September 2015 - Current

· Learn various machine learning algorithms and apply them to Kaggle datasets

Michigan Hackers   September 2015 - Current

· Promote hackathons at University of Michigan, plan logistic details for attending hackathons

PROJECTS

A2Yum	Genetic algorithm solver that searches a route to visit all restaurants in Ann Arbor
CalOpt	Dynamic programming scheduler that finds maximum calorie-per-dollar menu
Pigeon	Parrot drone that follows user using an image classifier
Lemoneda	Yik-Yak clone developed in Django and AngularJS

Demos, source code and more projects are available on online portfolio jae.works

HACKATHONS

MHacks 6	Worked on BioAuth, biometric password manager. Awarded Best Security Hack.
MHacks 2013	Worked on Leap Motion controller for 2D games. Awarded Top 10 Finalist Hack.

TECHNICAL STRENGTHS

Strong fluency	C++, Javascript, Python, CSS
Experience with	Java, Bash, MATLAB
Libraries	Django, AngularJS, Handlebars, OpenCV, Boost, Nginx, Gulp, Jenkins
Tools	Git, Vim, Linux, Inkscape, LaTeX
Miscellaneous	Able to quickly prototype graphics resources, Fluent in Korean