Ku Young Shin

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EDUCATION

UNIVERSITY OF WATERLOO
BACHELOR OF COMPUTER SCIENCE
Sept 2015 - Present | Waterloo, ON

Relevant Coursework
CS 350 | Operating Systems
CS 348 | Database Management
CS 340 | Algorithms 2
CS 240 | Data Structures/Management
CS 241 | Sequential Programs
CS 251 | Computer Design
CS 246 | Object-Oriented Development
CS 245 | Logic and Computation
CS 136 | Algorithm Designs
CS 135 | Functional Programming

SKILLS

Working Knowledge
Python • Google App Engine
webapp2 • Jinja2
Angular1 • React • Javascript
HTML • CSS • Bootstrap • jQuery
Java • C/C++ • Scheme
Git • Linux/Unix • Shell • LaTeX

Basic Knowledge
Django • Flask • Scala
Webpack • Assembly

ACHIEVEMENTS

AWARDS
President's Scholarship of Distinction,
University of Waterloo
2015

Completed Canadian Computing
Contest in top 20%
2015

EXPERIENCE

SET SCOUTER | SOFTWARE DEVELOPER
May 2017 – Present | Toronto, ON
- Focused on web application features front-end and server side using Angular1 and webapp2.
- Architected a search map to display all listings within the calculated radius.
- Remodelled the edit listing page to a single page application.
- Launched a new subscription product and added a payment system using Stripe.
- Created a weekly digest email that keeps track of new listings and edited listings using Python.

POLAR | FRONT-END SOFTWARE DEVELOPER
Sept 2016 – Dec 2016 | Toronto, ON
- Implemented a new feature of serving native ads through DFP (DoubleClick for Publishers) to existing publisher sites with JavaScript.
- Developed various front-end features of the main client-side web app using ReactJS, CoffeeScript, and Django.
- Designed production native ad templates for each publisher sites using HTML and CSS.
- Refactored and debugged client-reported and high priority bugs with extended problem solving skills.

PROJECTS

PERSONAL WEBSITE | http://kooku.github.io
Jan 2017
- Assembled website using HTML/CSS.
- Future implementation includes turning static website into a single page app that showcases my existing projects using AngularJS.

TO DO LIST | http://github.com/kooku/ReactProject
Dec 2016 – Jan 2017
- Built a to-do list using ReactJS with Webpack and Bundle where a user can add and delete certain tasks.

TIMESAVER | http://github.com/kooku/TimeSaver
Nov 2016 - Dec 2016
- Google chrome extension that keeps track of time spent on certain "distracting" URL's to help one's productivity.
- Used HTML, CSS, JS, jQuery for development.

WATOPOLY | http://github.com/kooku/watopoly_2016
July 2016 - August 2016
- Implemented a monopoly-like game with a twist of University of Waterloo theme with C++.
- Abstract data structures, design patterns and object oriented design were used for optimization.