ChuanKai (Alan) Yue

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EDUCATION

UNIVERSITY OF WATERLOO

Candidate for
Computer Engineering

Waterloo, Ontario, Canada

SKILLS

Programming :
• Java, C/C++, Python

Web :
• Node.js, AngularJS, jQuery
• JavaScript ES5/ES6
• HTML5, CSS3

Database :
• MongoDB, MySQL

Familiar with :
• Git, Shell, Android, AWS, JIRA

LINKS

Github: // ckyue
Github Group Project: // CoreDevo
Personal site: //cky.im
LinkedIn: // Chuankai Yue

HACKATHONS

Drop The Beat :
Winner at EngHack Summer 2016

Even More Lucky :
Top 10 at EngHack Fall 2015

Fishing Gear In Peace :
Top 8 at FishHackathon 2016

Taiko On Leap :
WearHacks Waterloo 2016

LeapRevo :
WearHacks Toronto 2016

Portfolio Publisher :
Waterloo Hacks 2016

WORK EXPERIENCE

DIGIFLARE | Software Engineering Intern

May 2016 – Dec 2016 | Toronto, ON

- Implemented new features and designs from ground up for CenturyLink's ElevateTV video streaming app on the Roku platform
- Optimized UI loading time by 30 % with lazy loading and caching
- Delivered re-useable modules and features
- Integrated streaming media and various functionality from backend API
- Contributed more than 12000 lines of code change to the project
- Actively involved in Agile development and technical communication with clients and third party entities

SELECTED PROJECTS

EXPRESS | online multifunctional communication platform

May 2016 | MEAN Stack, Socket.io

- An online team communication app for collaborative working, storing information, and sharing fun with friends on multiple platforms
- Implemented the frontend with AngularJS, built realtime communication framework with Socket.io, integrated routing and data storage with Express.js and MongoDB

GITHUB EXPLORER | ml repository recommendation

October 2016 | Node.js, Azure, jQuery

- A Chrome Extension for Github Users to get repository recommendation based on one's own profile with machine learning
- Implemented the backend with NodeJS, displayed the frontend result on user's Github personal index with jQuery
- Wrote scraper that scraped over 30k sets of sample data from Github, trained dataset with Azure Machine Learning platform

EVEN MORE LUCKY | a 1-clicker for google search results

November 2015 | jQuery, HTML/CSS

- Added one more button called "Even More Lucky" on Google search index, it opens multiple preset number of result pages at once on 1-click
- Developed with jQuery and HTML/CSS during EngHack Fall 2015, won Top 10. Published on Google Chrome Web Store

TAIKO ON LEAP | html5 canvas game

March 2016 | HTML5 Canvas, JavaScript

- Created a rhythm-based drumming game with Leap Motion in browser
- Implemented with HTML5 Canvas and JavaScript for the frontend, Firebase for online leaderboard storage