Kevin Zhou

Computer Science, University of Waterloo · 647-883-9508
kzhou@live.ca · github.com/congeecafe · congeecafe.com

Skills

- Skilled in Java, HTML/CSS; familiar with C, C++, JavaScript
- Experience with Git, SQLite, XML, JSON, Jekyll, LaTeX

Experience

TD Lab   *May 2015–August 2015*
Android Developer

- Built a child-oriented money management app using agile methodologies
- Developed and implemented various features including PIN protection, chores, and achievements
- Managed data syncing using a JSON API and Google Cloud Messaging (GCM)
- Improved performance of a custom graphing library by decreasing frame render time by 37%

Projects

Weather Post   *2012–Present*
- Android weather app that uses data from Environment Canada. 700 monthly active users and 4.3 star rating based on 80 reviews
- Implemented parsing of XML data files retrieved from public API with focus on speed and efficiency
- Developed caching feature using SQLite databases to allow storing and offline retrieval of data
- Tested app thoroughly across 5 Android versions and 4 device resolutions

Hack the North   *2014*
- 36 hour hackathon. Collaborated in team of 4 to develop an Android app that finds open restaurants on campus using Waterloo's Open Data API
- Mainly worked on map interface, including map and restaurant marker drawing

Graphing Calculator   *2014*
- Written in Java using Swing with the model–view–controller architectural pattern
- Developed expression evaluator involving Reverse Polish notation to calculate graph points

Java Maze Game   *2013*
- Developed maze generation using recursive backtracking algorithm
- Implemented a score keeping system

Scholarships & Awards

- President's Scholarship, University of Waterloo   *2014*
- Achievement, Success and Excellence Award in Computer Studies, Rick Hansen S S   *2013*
- Top 25% Distinction on Junior Canadian Computing Competition, University of Waterloo   *2012*

Education

Candidate for Bachelor of Computer Science
University of Waterloo   *2014–2019 (expected)*

Interests

Tennis, skiing, reading, piano, design and typography