





Chengzhi(Charlie) Gu

3B Computer Science

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EXPERIENCE

Software Engineer Intern @ Pinterest Jan—Apr 2015

Developed Web UI for Ads Platform
Refactored database schemas to optimize space efficiency
Implemented rate limit client for Ads API calls
Developed internal admin UI tools for Partners team

Software Developer @ Osellus Mobile May—Aug 2014

Worked with Objective-C for IOS and Mac development
Developed complex animation software using Cocoa
Designed a scripting language, and implemented its interpreter
Refactored and maintained code for IOS Apps

Programmer Analyst @ CI Financial May—Aug 2013

Implemented current value algorithms with TSQL
Migrated Oracle stored procedures to Sybase
Improved bash scripts related to job control
Developed Perl script for front end utilities

SIDE PROJECTS

Rally Hack the North project

Customized iOS views for smooth interactions
Used AFNetworking to communicate with back-end
Integrated side bar menu from open source projects

Delicio Meta Hackathon project

AR App that suggests recipe based on the camera image
Runs on Meta's AR glass
Developed with Meta SDK, Unity 5, and Django

SKILLS

Languages

C/C++
Objective C
Java
Python
JavaScript
Bash
HTML/CSS
Matlab/Octave
SQL

Frameworks

Django
jQuery
Bootstrap
Cocoa/Cocoa Touch
SQLAlchemy

EDUCATION

University of Waterloo
Candidate for Bachelor of
Computer Science
Honours, Co-op Program
3B term
4.0 GPA

INTERESTS

Cooking, movies, classical music, history, game development