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George Ruan

SKILLS

Expertise
– C (proficient)
– Javascript
– HTML5/CSS3
– C++ (intermediate)
– Java
– SASS
– NodeJS (beginner)
– Python
– Scheme

Tools
– UNIX (proficient)
– Bootstrap
– AngularJS
– Git (intermediate)
– Jasmine
– Frisby
– GruntJS (beginner)

Foreign Languages
– French (fluent)
– Chinese (intermediate)

EDUCATION

University of Illinois
Bachelor of Computer Science
Sophomore | GPA 4.0
Urbana, IL

ACTIVITIES

– National Organization for Business and Engineering Club (Junior Board)
– ACM SIGCHI Club
– Asian American Association

INTERESTS

– Hackathons
– Chess
– Traveling
– Fashion
– Poker

EXPERIENCE

Data Structures Course Staff | UIUC | Aug 2015 – Present
– Release assignments to students via Subversion
– Provide office hours and co-teach lab sections

Software Dev Intern | NextGear Capital | Jun 2015 – Aug 2015
– Worked on a customer facing web app as a front-end developer
– Partook in an AGILE team development process
– Devised the UI and functionality for adding and editing bank accounts using HTML5, CSS, SASS, Bootstrap, Javascript, and AngularJS
– Wrote accompanying Jasmine and Frisby unit tests to adhere to TDD

PROJECTS

Mogao Caves | C# | Unity | Oculus | Aug 2015 – Present
UNESCO World Heritage Site modeled in Virtual Reality
– Established collaboration from China, Harvard, and UIUC
– Designed a user-first experience to reduce motion sickness in Oculus
– Used SOLID for maintainable code-base of a long-term project

EZSched | AngularJS | NodeJS | SQL | Aug 2015 – Present
A web app that considers users' schedules and suggests interest groups
– Implemented a normalized 3NF database to reduce anomalies
– Constructed user-interface with MVC while adhering to Google Material

Assassin | Java | Freak What You Feel Hackathon 2015
An android app that simulates the Assassin's game or Battle Royale
– Used OOP to implement the back-end using Google Endpoints
– Implemented front-end HTTP Requests in Java

Live Trip | 3rd Place | Python | VandyHacks 2015
A HTML5 app that suggests radio stations and trivia of nearby cities for drivers operating vehicles based on user-preference and geo-location
– Designed a mobile-first responsive user interface using HTML/CSS
– Implemented backend to make Wolfram API calls

Shakesafe | Javascript | Boilermake 2014
Pebble Watch app that sends a distress message with GPS location when a certain action is performed
– Designed the user-interface and functionality using JS and Pebble API
– Implemented HTTP Requests with Twilio REST API

Fractl | C++ | HackMizzou 2014
Real-time motion interactive Quaternion Fractal projected onto the Oculus Rift
– Implemented Leap motion interactivity using C++

AWARDS

Engineering Dean's List | Fall 2014 | Spring 2015
One of the top 20 percent of students in the class by semester GPA