Sharrie Chen

510.224.3327 + hi@gumi.nu + github.com/gvmi

EDUCATION

University of California at Davis, Candidate for BSc. in Computer Science
DAVIS, CA — SEP 2011 - SEP 2015 (EXPECTED)

WORK EXPERIENCE

Application Development and IT Intern at UC Davis School of Law
DAVIS, CA — JAN 2014 - JAN 2015 (1 YEAR)

Assisted development and testing of the new UC Davis School of Law website with modern web technologies like Node.js, Karma, and Jasmine.

Provided first level desktop and network support for students, staff, and faculty.

Application Development Intern at UC Davis Information and Educational Technology
DAVIS, CA — SEP 2012 - NOV 2013 (1 YEAR 3 MONTHS)

Extensively developed applications on the Salesforce CRM platform by prototyping and implementing proof of concepts, designing user interfaces, integrating services with the campus' identity authenticator, and researching RESTful web service support.

Designed and implemented intuitive and responsive user interfaces for Spring MVC and Flask web applications.

PROJECTS

Data Visualization with D3.js
Visualized UK female cancer rates from 2007 with the D3 JavaScript library for a design course project. Used best practices of information design for prototyping, designing, and user testing. View at gumi.nu/rates.html.

Game Development: Plugin
Created a Java plugin for Minecraft bukkit servers that listens to player movement events. Everywhere the player moves, grass and flowers grow underneath while smoke particles follow. Source code at github.com/gvmi.

Game Development: Server
Ran a Minecraft server for two years, averaging 30 players online at a time with a max of 50 players. Oversaw several other staff members who helped administrate the players in-game and on the forums. Maintained the website and forums so players could effectively communicate with each other and with staff members.

ACTIVITIES

American Society for Biochemistry and Molecular Biology
WEB MASTER — JUN 2014 - PRESENT (9 MONTHS)

Managing the website to promote research, scientific outreach, and professional networking opportunities amongst the biochemistry campus community. View at asbmbucd.weebly.com.

Branding and design for the organization and for the Second Annual Networking Social, our largest event of 200+ participants.

Davis Political Review
WEB EDITOR — MAR 2014 - FEB 2015 (11 MONTHS)

In charge of posting daily student-written articles for the first and only nonpartisan political commentary magazine on the campus of UC Davis. View at dprmag.org.

Taiwanese American Organization
WEB MASTER — JUN 2014 - JAN 2015 (8 MONTHS)

Managed the website to effectively promote and publicize cultural and social outreach, community service, and affiliations with other organizations. View at taoatucd.weebly.com.

TECHNICAL SKILLS

Languages
C++, Java, JavaScript

Technologies
HTML5, CSS3, git, Bootstrap, D3.js, Unix/Linux, Jira, jQuery, Wordpress, Drupal, Node.js, Doxygen

Programs
Adobe Photoshop, Adobe Illustrator

Methodologies
Prototyping, User Testing, SCRUM/Agile, Branding, Unit Testing, Version Control, Documentation

Currently learning Android/libGDX game development.