

ANDRE PAN

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SKILLS

Front End:	CSS, HTML, JavaScript, Ajax	Framework/Library:	jQuery, Bootstrap, Express, Angular, Mocha, Agile/Scrum
Back End:	Java, C, ASP.NET(C#)		
Database:	MySQL, MongoDB	Project Management:	JIRA, Git, Confluence
Tools:	Visual Studio, Eclipse	Languages:	English, Chinese
Other:	Microsoft Office, MATLAB		(USA Citizenship)

RELEVANT EXPERIENCE

Software Engineer | Empowr

San Diego, California | February 2018-Present

Skills & Tools: C#, ASP.NET, Agile/Scrum, jQuery, Async, Ajax, JavaScript, CSS, HTML, Git, RESTful API, MySQL, Visual Studio, Visual Studio Web Debug, JIRA, Confluence

ASP.NET web application: Social media platform built around a cryptocurrency ecosystem

- Developed multiple features including: Trending blog posts page (Asynchronous C# data access to SQL stored procedures; Pagination; HTML, CSS, and JavaScript front end; Sort via a trending score formula); User data tables allowing admin to distribute digital tokens (HTML CSS JavaScript, server-side calls from front end with AJAX, C#, jQuery)
- Implemented multiple 3rd party RESTful API's including currency value conversion for all displayed currencies, and 2 factor authentications with SMS for security
- Cleaned all user-generated blog posts' URLs into human-readable URLs
- ASP.NET web application debugging with Visual Studio
- Created Confluence documentations, speeding up onboarding for new hires

Full Stack Developer | Twitch Hackathon

San Jose, California | October 2018

Skills & Tools: HTML, CSS, JavaScript, Python, Twitch API, Project Management and Design

Twitch Extension which parses live chat for keywords to trigger visual and audio events

- Python to parse chat for back end, and Twitch API to get stream information as JSON
- Front end work with HTML, CSS, and JavaScript for visual and audio events

Responsive Portfolio Website

July 2018 – Present

Skills & Tools: HTML, CSS, JavaScript, Bootstrap Framework, GitHub, Responsive Web Design

- Andre-pan.github.io
- Created a personal website with Bootstrap to showcase work experience

Quality Assurance Intern | YooshTW

Taipei, Taiwan | Summer 2013

Taiwanese massive online gaming company that develops and licenses games from other regions

- Methodically checked and reported issues/bugs. Verified user error reports for two released online games (100,000+ player base each). Submitted user experience logs
- Constructed detailed and organized debug reports that included the description of the error, effect of the error, and steps to recreate the error, leading to fast solutions

Full Stack Developer | LUMA Project, UCSD

San Diego, California | Spring 2016

Skills & Tools: MongoDB, Express, Angular, Node, Mocha, GitHub, Agile/Scrum, Team Coding

Real-time map of computer usage and availability for the UCSD computer lab which displayed data with animations showing changes, and faulty computer reporting function

- Developed app on MEAN stack structure and constructed QA tests with Mocha framework
- Collaborated to architect project, including partitioning and assigning the project, and developing ideas, features, and possible approaches
- Awarded best project out of a class of twenty groups

EDUCATION

University of California, San Diego B.S. in Mathematics-Computer Science

Relevant Courses

Object-Oriented Programming in Java
Advanced Data Structures
Algorithm/System Analysis
Discrete Mathematics
Applied Linear Algebra

Analytical Geometry
Differential Equations
Numerical Analysis
Statistical Methods
Linear Algebra

Software Tools
Graph Theory
Calculus
Vector Calculus