MATTHEW LOGAN

SOFTWARE DEVELOPER

INFO

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SOCIAL PROFILES

CodePen
codepen.io/maclogan/

Github
github.com/maclogan

Personal Site
mac-logan.com

LinkedIn
linkedin.com/in/matthew-logan-019b9b129/

SKILLS

HTML	●●●●●
CSS	●●●●○
Javascript	●●●●○
Vue.js	●●●●○
Angular 2	●●●○○
SQL	●●●●○
Python	●●●●●
Java	●●●●○

HOBBIES

Photography, 3D printing, Retro game collecting, Hiking

LANGUAGES

English	●●●●●
Mandarin	●●●○○

PROFILE

Software developer with 3+ years of experience implementing client-specified requirements. Adept with formulating tangible and user-friendly interfaces with a multidisciplinary team. Flexible working in proprietary codebases and creating new solutions from the ground up.

EMPLOYMENT HISTORY

Implementation Consultant, Fast Enterprises — Oklahoma CIty

Aug 2017 – Present

- Worked with Oklahoma Tax Commission to develop and support their OneLink and Oklahoma Taxpayer Access Point software.
- Consulted with Oklahoma Tax Commision to declare possible enhancements and future updates.
- Developed using an extensive proprietary code-base using vb.net.

Technology Consultant, Tulane University Technology Connection — New Orleans

Apr 2015 – Jun 2017

- Conducted computer, tablet, and accessory transactions and educated customers on key features and maintenance of products
- Performed computer hardware and software repairs with a team of other technicians
- Maintained an inventory of over 100 products on a monthly basis
- Promoted to senior student worker and acted as shift leader to oversee store operations on weekends

User Experience and Design Intern, Tongji University UXD Research Lab — Shanghai

Aug 2015 – Dec 2015

- Identified various client needs by prototyping innovative user experience interactions and conducting case studies
- Operated as the sole programmer on Human Machine Interface for Automobiles
- Presented prototypes and findings to clients during major milestones of the project

EDUCATION

Tulane University, BA Computer Science | Asian Studies — New Orleans

Aug 2013 – May 2017

Major in computer sciences with a focus on SaaS and full-stack design and major in Asian Studies with a focus on Chinese language and culture.

Spanish ●●○○○

Donghua University, Chinese proficiency certificate

Shanghai

Aug 2015 – Dec 2015

CET 4 month study abroad internship program with 15 credit hours of courses per week along with an internship in Shanghai, China.

PROJECTS

Virtual Pen-Pal

Sep 2016

Using natural language processing and machine learning, I sought to aid language learners in practicing their target language using an online chatbot. Through mass user training and an open-sourced code (ChatterBot), I provided a fluid learning experience for users by mimicking a conversational chat session with a native speaker. This web application utilized MongoDB, Django with Python, and various APIs such as Google's Natural Language Parser.

Tulane Online Transportation System

Jan 2016 – May 2016

In an AGILE and testing based environment, I worked as the Scum Master on a group project that would allow students to schedule Tulane shuttles and for shuttle managers to respond to their requests. With Ruby on Rails, we created a full-stack website that fulfilled the needs of the Tulane community.

Human Machine Interface for Automobiles

Aug 2015 – Dec 2015

With a group of UXD students, I conducted user studies to produce a car interface that would provide a greater ease of use while driving. Using Java on Android and our case study findings, I programmed a prototype for milestone presentations to the commissioning client (Zhejiang Geely Holding Group Co., Ltd).

Volume Rendering Visualization Project

Jan 2015 – May 2015

Using CMake, developed a model to view a CAT scan of a human skull. The model could be rotated, spliced, and zoomed. A color curve was created that allowed for isolation of the different components of the model, i.e. the skull, the brain, or the skin.