

Matteo Vesprini-Heidrich

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Education

University of California, Los Angeles (Computer Science major)
2012 – 2016 (expected)

Favorite Courses: Network Fundamentals, Operating Systems Principles, Programming Languages

Work Experience

- **Web Developer - Design and Media Arts Department at UCLA** 2013 - present
 - Re-write existing PHP code to adhere to an organized MVC architecture
 - Create new charge processing area
 - Homogenize and update styling on various pages
- **Web Developer - HPI Online** Summer of 2014
 - *REjobZ.com* - Assist in finishing development on a site that allows users to search and post real estate job offerings in Node.js using Express.js and interfacing with a PostgreSQL database
 - o Handle payment information by incorporating a Stripe.js form
 - *RollOffs.com (WIP)* - Create a website that allows users to search nationwide for local waste disposal companies, post and view classified ads, and pay for advertising in a magazine style format
 - o Website was created in Node.js, uses Express.js as an application framework, Jade as a template language, PostgreSQL for data storage
 - o Securely processed credit card data by integrating with a third-party payment gateway (USAePay) using a SOAP API
 - *Internal Web App* – Redesign a company web app in Node.js that allows employees to upload large CSV files containing locker lock combinations that are subsequently parsed and stored in a PostgreSQL database.

Skills

- Back-end web development in **JavaScript (Node.js)** coupled with **Express.js** and **PHP**
- Interaction with **SQL** database technologies including **MySQL** and **PostgreSQL**
- Experience with **HTML** template languages including **Handlebars.js** and **JadeC**
- Application programming experience in **C++** and **Java**
- Efficient, customized **Linux** workflow in **Vim**, **tmux**, and **git**

Personal Projects

- *RoommateReminder.com* - Utility site that roommates can use to keep track of bills and other apartment-specific information
- *UCLARadio.com* - Maintain and improve UCLA Radio music streaming website