Matteo Vesprini-Heidrich

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Education

University of California, Los Angeles (Computer Science major)

      2012 – 2016 (expected) **3.64 Upper Division GPA**

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 that follows department budgeting guidelines
- Homogenize and update styling on various pages

- Web Developer - HPI Online Summer of 2014 and 2015
- *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
- *RollOffs.com* **-** 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
  - Website was created in Node.js, uses Express.js as an application framework, Handlebars.js as a template language, PostgreSQL for data storage
- *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. That data can then be retrieved in a PDF format for shipping information.

Skills

- Back-end web development in **JavaScript** (**Node.js** coupled with **Express.js**) and **PHP**
- Interaction with **SQL** and **NoSQL** database technologies including **MySQL**, **PostgreSQL**, and **MongoDB**
- Experience with **HTML** template languages including **Handlebars.js** and **Jade**
- Design knowledge with **CSS** including popular libraries like **SASS** and **STYLUS**
- Front-end web development with front-end libraries like **React.js** and **jQuery**
- Application programming experience in **C++** and **Java**
- Efficient, customized ***nix** 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
- *Matteovh.me* - Create a minimalistic portfolio site for myself that has a clean, responsive design