Henry Jordan

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PROFESSIONAL EXPERIENCE

ZEFR, Los Angeles, CA   July 2015 – Present
Web Prototype Developer
- Built consumer and business facing web based marketplace from concept to working prototype
- Designed and implemented API endpoints and database models for scalability and speed
- Integrated social media logins for core site functionality and user engagement
- Technologies used: Django, Python, Postgresql, Javascript, HTML, CSS, Mac OSX

Twill Tech, Menlo Park, CA   August 2014 – June 2015
Intern
- Took ownership of the modeling, development, and testing of novel robotic systems
- Studied and implemented mathematical models of robotic locomotion
- Created communications protocols between embedded microprocessors and Linux systems
- Technologies used: Javascript, Node.js, C++, avrlibc, Linux, BASH, socket.io, HTML/CSS

Hopkins Marine Station of Stanford University, Monterrey, CA   May – July 2014
Research Assistant
- Worked in a team to design and program a device to monitor the behavior of intertidal mussels
- Coordinated with Chinese manufacturers to produce custom printed circuit boards
- Implemented design changes on the fly in response to new information about environment
- Optimized expenditures to produce more devices for data collection on a limited budget

PERSONAL EXPERIENCE

Maintain a web server at http://henryfjordan.com to explore rapidly emerging technologies
- Gained familiarity with various Linux distributions including Ubuntu and currently Gentoo
- Built and deployed a website using HTML, CSS, and Javascript with NGINX HTTP server
- Worked with various different production technologies like Node.js, LXC, Apache

EDUCATION

Loyola Marymount University, Los Angeles, CA   August 2014
Bachelor of Science in Engineering
Electrical Engineering with an Emphasis in Computer Engineering

SKILLS

Programming: Javascript, Python, SQL, C/C++, MATLAB, HTML, CSS, Java, VHDL
Relevant College Courses: Operating Systems, Intro to VHDL, x86 Assembly, Signal Processing
Hardware: PCB design and manufacture, Embedded AVR programming, Embedded Linux, Soldering
Computer Communication: Microsoft Word, Excel, Powerpoint and similar. Outlook, Google Apps

ATHLETIC EXPERIENCE

Loyola Marymount University   2010 – 2012
NCAA Division I Cross Country and Track and Field Athlete
- Represented Loyola Marymount University in regional NCAA organized competitions
- Raced in goal oriented team and solo events ranging from 1500 m to 8 km races