

James Sandoval

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Education

Oregon State University, School of EECS

B.S., Computer Science (August 2017)

Western State Colorado University

B.A., Anthropology, Minor: Business Administration (May 2008)

Work Experience

United States Navy, P3 Orion Flight Engineer (2011 - 2017)

- Monitor and operate aircraft systems, including engines and other critical flight systems during flight and ground Ops.
- Oversee flight schedule to ensure mission requirements are met using systematic reporting and dynamic planning.

Tech: P3 Orion Aircraft, MS Office, Sharp 5.2, Sharepoint

James Sandoval, LLC, Web Developer/Consultant (2005 - 2011)

- Create custom websites including complete e-commerce solutions using Wordpress, Joomla, and Drupal.
- Implement innovative solutions to grow businesses using branding, SEO, and social media strategies.

Tech: Illustrator, Photoshop, Lightroom, Dreamweaver, MS Office

T. Rowe Price, Web Content Manager (2010 - 2011)

- Collaborate with marketing, design, and legal teams to plan and develop site content, style and layout.
- Collect and curate survey data for future campaign strategies.

Tech: Photoshop, Dreamweaver, Vignette (Open Text CMS), MS Office

UBM Tech, Html E-mail Marketing Developer (2009 - 2010)

- Maintain expert knowledge of HTML/CSS regarding best practices for HTML email development.
- Produce and test HTML and CSS mail assets that will function across a number of platforms and email clients.

Tech: Photoshop, Dreamweaver, Mailchimp, Microsoft CRM, MS Office

Projects

JamesSandoval.io - Blog, Portfolio

- Personal web application developed and designed to serve as a custom CMS blog/portfolio.
- Full-stack: Built frontend using Bootstrap, javascript and backend with Node, Express and MongoDB.

Project Type: Independent project; Built using Feature-Driven Development - Ongoing

Perseus Web Crawler - Graphical Web Scraper

- Web app built using Ruby on Rails and Python to scrape data and produce a graphical interactive map using d3.js.
- Full-stack: Built frontend using javascript (Angular, JQuery, d3), HTML, CSS and backend with Python and RoR.

Project Type: Group project; Built using Agile(XP) Development. - Ongoing

Community of Practice for Telecommuters - Web Application

- Node based web application incorporating express, mysql, javascript, Bootstrap, Passport, Mocha, Travis-CI, etc.
- Full Stack: Leveraged indeed api to collect job data and implemented web interface along with back-end components.

Project Type: Group project; Coursework - Complete

The Lost City of Paititi - Text based Adventure

- An awesome text based adventure game built using C++, implemented using OOP principles, algorithms and the STL.
- Software Engineer: Implemented from concept design to creation, including extensive testing and documentation.

Project Type: Independent project; Coursework - Complete

Skills

Web Development

Experience with Node, Ruby on Rails, Python, GCP, JavaScript (Angular, jQuery), SQL, PHP, HTML, and CSS

Other Programming Languages

Experience with C/C++, x86 Assembly, Bash, Python, Matlab, Java

Misc Technologies

Experience with Adobe CC, MongoDB, MySQL, NDB, Git, Slack, Visual Studio, Linux, Windows, Amazon EC2, Heroku