

# James Sandoval

Seattle, WA

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Portfolio: <http://www.jamessandoval.io>

GitHub: <https://github.com/jamessandoval>

LinkedIn: <https://www.linkedin.com/in/sandovja/>

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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)

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## 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

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## 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

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## Skills

### Web Development

Experience with Node, Ruby on Rails, Python, GCP, RESTful services, JavaScript (Angular, jQuery, ES6), JSON, SQL, PHP, HTML, CSS(Bootstrap 3.3/4.0.0), SASS, LESS

### Other Programming Languages

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

### Misc Technologies

Experience with Adobe CC(Photoshop, Illustrator, Dreamweaver, Acrobat Pro), MongoDB, MySQL, NDB, Git(GitHub), Slack, Visual Studio, Linux, Windows, Amazon EC2, AWS, DNS(Route 53), Heroku, Raspberry Pi, Arduino, Zigbee