

Mathew Esporas

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TECHNICAL SKILLS

- **Programming Languages:** Python, Javascript, C, SQL, HTML, CSS
- **Developmental Tools:** Linux, Git, GitHub, Heroku, Node, MongoDB
- **Web Frameworks:** Flask, Django, Express, React

WORK EXPERIENCE

Panasonic Avionics Corporation

June 2016 – Present

Software Integration Test Engineer

- Test and integrate web and mobile streaming applications for airlines around the world
- Utilized Linux commands and tools to debug and troubleshoot inflight entertainment systems
- Configure systems according to wiring diagrams and customer requirements
- Demonstrate performance and functionality of systems to customers

Broadcom

June 2015 – June 2016

Test Engineering Intern

- Tested multiple Broadcom Ethernet products for quality assurance and durability
- Operated various electrical equipment including oscilloscopes and network analyzers

CODING PROJECTS

Budgeting Application

- Languages used: Javascript, HTML/CSS
- Developing an application to categorize transactions when posted using Plaid API
- Utilizing MongoDB, Express, React, Node.js, and Heroku to create website

Pizza Site

- Languages used: Python, Javascript, SQL, HTML/CSS
- Developed a website that allows users to order menu items and for admins to update the menu
- Created object relational models using the Django web framework to organize the site's data

Channel Messaging Application

- Languages used: Python, Javascript, HTML/CSS
- Developed a website that allows users to create channels and message other users in the channel
- Utilized Flask's Socket library to implement chat functionality

EDUCATION

University of California, Irvine

September 2012 – June 2016

B.S. Electrical Engineering with Specialization in Digital Signal Processing