# 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 a website to categorize transactions when posted using Plaid API and Web Push Notifications
- 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 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