

# Abraham Gomez

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## Work Experience

### Accenture LLP

San Francisco, CA

CLOUD SOFTWARE DEVELOPER

Oct 2017 – Present

- Working in AWS Accenture partnership (AABG) building Cloud Native proof of concepts for clients
- Deployed serverless eCensus microservice for government client surpassing their 3,500 hits/sec within .5% error requirements
- Designed and developed self-learning robotic arm using AWS IoT, AppSync, Alexa and AWS Sagemaker for AWS re:Invent 2018
- Architected and developed a serverless omnichannel PoC for utility companies, which resulted in a 2 million dollar contract
- Developed in-house AI drink-mixer using AWS IoT, RaspberryPi, and Arduino showcased in over 50 conferences nationally

### University of Southern California

Los Angeles, CA

PRODUCT MANAGER

May 2016 – May 2017

- Successfully developed PoC 35% under budget by implementing a bi-weekly MVP development process
- Led and hired dev team through the development of a Chrome Extension, Android Application and pfSense Custom Router PoC
- Autonomized feedback loop with Stakeholders (USC Board of Directors) by implementing public Kanban and burndown charts

## Personal Projects

### Somos Travel LLC

Bellflower, CA

CO-FOUNDER | VP OF GROWTH | [HTTPS://WWW.SOMOSTOURS.COM](https://www.somostours.com)

Jun 2017 – Present

- Co-founded a tourism company successfully sending over 200+ customers around the world: Israel, Spain, France, and Mexico
- Reduce labor hours from 10 hours to 15 minutes by creating an autonomous calling application with a Twilio and Sinatra
- Reduced fixed costs by opting out of a brick and mortar location, and by creating reusable marketing material

### Flagupmail

San Francisco, CA

FOUNDER | CEO | [HTTPS://WWW.FLAGUPMAIL.COM](https://www.flagupmail.com)

March 2017 – Present

- Founded Flagupmail to store personal hand-written keepsakes from classrooms for later retrieval (1-5 years)
- Created a prelaunch campaign to organically gain users by with the use referral incentives written in Ruby on Rails

## Internships

### Project iPodia

Los Angeles, CA

PROJECT MANAGER

Oct 2015 – Feb 2016

- Proposed and secured funding for a P2P platform using multiple API's integrations and Slack messaging platform
- Successfully increased classroom engagement from 500 monthly messages to 20,000 monthly messages with 2nd MVP
- Initiated agile development with weekly testing reducing anticipated development time by 25%

### Lockheed Martin

King of Prussia, PA

SPACE SYSTEMS ENGINEER

July 2015 – Aug 2015

- Characterized antenna patterns by SNR, efficiency, power, in 2D and 3D polar plots reducing analysis time by 65%.
- Published in-house MatLab RF Analysis tool - saving estimated costs of \$1500 per license for DARPA's TBG program

### St. Jude Medical (Acquired by Abbott)

Valley View, CA

AUTOMATED TEST ENGINEER

Jan 2015 – Jun 2015

- Designed a streamlined manufacturer testing user interface reducing the testing time by 10% for test fixtures
- Decreased time spent finding test equipment by creating an asset tracking system using RFID technology with metrology

## Education

### University of Southern California

Los Angeles, CA

BS IN ELECTRICAL ENGINEERING (GPA: 3.50)

Aug 2014 – May 2017

Became the first undergraduate to lead a project on behalf of the Viterbi School of Engineering Board of Directors (project iPodia)

### Cerritos Community College

Norwalk, CA

AA IN MATHEMATICS AND PHYSICS (GPA: 3.73)

Aug 2012 – May 2014

Awarded Student-Athlete Scholarship (Fall, Spring) for maintaining 3.5 GPA while competing with Water Polo team

## Toolbelt

CERTIFICATIONS: AWS Certified Developer - Associate, ICAgile Certified Professional

HARDWARE: FreeRTOS, Raspberry Pi, Arduino, Digital Multimeter, Oscilloscope, PWM, PCB Analysis

SOFTWARE: Ruby On Rails, Tailwinds CSS, Angular Material, Angular, Cordova, JavaScript, Python, Ruby

CLOUD: AWS IoT, API Gateway, Lambda, DynamoDB, RDS, Lex, AWS Connect, EC2, S3, CodePipeline, CodeBuild