

# Juan Vargas

Salinas, CA

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## Education

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### California State University, Monterey Bay

Seaside, CA

- B.S. Computer Science and Information Technology
  - Concentration in Software Engineering

2014 - 2016

### Hartnell College

Salinas, CA

- A.A. General Studies - Language & Rationality Emphasis

2009 - 2014

### Udacity

Online

- Full Stack Web Developer Nanodegree

2016 - 2017

## Computer Skills

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- Microsoft Office, Java, PHP, jQuery, MySQL, C++, CSS, HTML, Python
- Relational Databases, GIT, Unit Testing, Continuous Integration, Android Studio, Eclipse, Linux, REST APIs, Social APIs
- Responsive Web Design, AJAX, JSON, Photoshop, Bootstrap, SQLite, CMS, LAMP

## Communication Skills

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- Bilingual - English and Spanish

## Experience

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### FMG Farm Contractor INC. (2014 - 2016)

- Worked as a strawberry picker in Salinas for two years

### MBARI - (2016, 4 Months) - Monterey Bay Aquarium Research Institute - STOQS [↗](#)

- Worked with MBARI Software Engineer Mike McCann on STOQS (Open Source) as part of CSUMB Capstone Project
- Implemented a Google Cardboard WebVR mode using the X3DOM framework to display and rotate 3D scenes on mobile devices
- STOQS VR Project won "Best X3D/X3DOM Project" in the 2016 San Francisco Virtual Reality Hackathon at Microsoft Reactor

### MCAFCC - (2016, 4 Months) - Monterey County Association of Families Caring for Children

- Redesigned the old website of this non-profit organization into a more modern and clean website
- Migrated content from Joomla to WordPress

## Computer Science Projects

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### NatureSnap API - Software Engineering

- REST API for a photo sharing Android Application for hikers. Users could share photos of locations for other users to visit
- API created using PHP/MySQL with JSON responses.
- Applied Software Engineering concepts, security, encryption, SQL injection prevention and relational databases

### iBlogger - Full Stack Web Development

- Multi-user blog built using Python, Google App Engine and Jinja2. Features include Registration, Login, Logout, CRUD for post, comments, and likes

### SocialCounters - jQuery/Ajax

- Developed a jQuery/PHP plugin that retrieves social media profile information using 15 Social Media APIs