

# Johnathan Tran

## Fullstack Software Engineer

**Address** Irvine, CA, 92683

**Website** <https://johnatt2.github.io/>

**E-mail** tranjohnathan21@gmail.com

Software Developer skilled at technical leadership, communication and presentations. Experienced in full project life cycle from stakeholder communication to design to implementation to integration to business analyst to presentation.

## Education

---

### **Bachelor of Science: Computer Science**

*University of California, Irvine - Irvine, CA*

## Work History

---

**Jan 2020 - Current**

### **Software Development Engineer, Amazon Alexa**

*Amazon.com, Irvine, CA*

- Innovate and build the best 10 feet Video experience in living room powered through Alexa through FireTV CX integrations
- Identify and fix data ingestion process to recover 2-5% of missing production data in both NA and EU users of Alexa Video related events
- Onboard new college hire and be a one stop source of welcome, guidance, and technical assistance

**Oct 2017 – Jan 2020**

### **Software Development Engineer, Personalization**

*Amazon, Irvine, CA*

- Optimize utilization of EC2 instances from 88% to 96% which lead to \$9k/yr in savings
- Implement, conduct, and analyze 7+ A/B test experiments on eBook recommenders and algorithms to help stakeholders and organization push the bottom line profit margins by 10+ million USD
- Organize discussions to improve operation excellence and work through disagreements by analyzing data trends and improving meeting processes

**Jan 2017 – Aug 2020**

### **Student Web Developer**

*University of California, Irvine, Irvine, CA*

- Create APIs on EEE Scout, an online survey tool for all UCI affiliates, to allow users to create, retrieve, update, and delete form data utilizing AngularJS framework and PHP endpoints.
- Work with a SCRUM-based team to prioritize, point, and align sprint items to

meet multiple deadlines

## **Jun 2015 – Jun 2016    Web Development Intern**

*The Portal, Irvine, CA*

- Deliver 4+ MEAN stack applications for clients, implementing mobile geolocation features, Shopify webapp integrations, Twilio API calls, and more.

## **Aug 2015 – Nov 2015    AppJam+ Mentor**

*Dream For Schools, Irvine, CA*

- Mentor two teams of middle schools students to use MIT's app Inventor platform
- Resolve internal conflicts between team members and define team split to lead two mobile app deliveries in time for student presentation
- Winner of Well's Fargo Challenge during AppJam+ final presentations for building one of the most technical mobile apps intersecting finance and STEM.

## **Projects**

---

**Bubble Buddy** (<https://guarded-headland-53957.herokuapp.com/>)

- Virtual companion webapp presented at Autism App Jam 2016 and awarded the 2nd place prize and Hype Award prize for best social media outreach
- Colead MEAN stack implementation creating MongoDB queries to create, retrieve, update, and delete Bubble Buddy's question database and front-end logic to control question readiness animations and logic