

# Christopher Tse

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## Education

### Bachelor of Science, Computer Science

*College of Engineering, University of Oklahoma*

**Expected Graduation: Dec 2018**

### JUSST Exchange Program

*The University of Electro-Communications, Tokyo, Japan*

**Oct 2015 – Sep 2016**

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## Skills

**Languages:** JavaScript, HTML5, CSS3, Java, Python, C

**Tools & Frameworks:** Node.js, Express, MongoDB, Mongoose, Handlebars, React, JQuery, Git

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## Work Experience

### Lead Developer & Technical Consultant

**Feb 2018 – Present**

*OK Catalyst & Tom Love Innovation Hub, Norman, OK*

- Built a web application and implemented server side routing and back end API endpoints to provide a centralized source of information for SBIR grants and applicant interest matching for 3000 government contracts with Node.js, Express, MongoDB, front end with Handlebars templating hosted on AWS Elastic Beanstalk
- Consulted faculty, students, and other clients in forming app and startup ideas, requirements, use cases, and technology stacks

### Website Developer

**Oct 2015 – Sep 2016**

*The University of Electro-Communications, Tokyo, Japan*

- Developed a website for an international conference to provide relevant information and take form submissions and save the data to the server
- Implemented form handling and submission using PHP

### Web Developer Intern

**May 2014 – Sep 2015**

*a la mode, inc., Oklahoma City, OK*

- Designed and implemented 10 web page templates using Bootstrap
  - Coordinated with the web design and sales teams to upgrade current customers' existing sites to the new templates
  - Communicated with customers to add custom designs, advised them on design decisions, and discussed what customizations were possible on the platform
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## Projects & Extra-curricular

### Senior Capstone: NEST Visualization

*Team Leader*

- Built a virtual reality visualization of the upcoming NEST facility in C# with Unity

### FreeCodeCamp Norman

*Co-organizer*

- A study group organized around the [freecodecamp.org](https://freecodecamp.org) curriculum to form a community of software developers in the industry and beginners who are learning to code on their own.