

# John Tran

john.tran@ou.edu  
github.com/GrayTurtle  
linkedin.com/in/johntrantech

## EDUCATION

### University of Oklahoma

B.S. Computer Science & minor in Mathematics

Expected: May 2019

GPA: 3.96/4.00

## EXPERIENCE

### Sandia National Laboratories, *Software Engineering Intern*

Albuquerque, NM

- Optimized long calculations using multivariate interpolation with Java
- Utilized agile/scrum software development principles

May 2017 – July 2017

### Google, *CodeU Participant*

Remotely

- Selected to an invite-only software development program
- Produced a functional chat application with JavaFX and a Derby database in a team of three
- Extensively learned the development process and produced production code utilizing tools like Git

March 2017 – June 2017

### Kirtland Air Force Base AFRL, *Software Engineering Intern*

Albuquerque, NM

- Developed GUI for telescope control in a team of two in Java
- Made sure that the software was cross-platform, robust, and well documented

June 2016 – August 2016

## PROJECTS (More @ [github.com/GrayTurtle](https://github.com/GrayTurtle))

### Blendexa

January 2017

- Built an Amazon Alexa app in a team of four that controls 3D modeling software using JavaScript, Node.js, AWS Lambda

### Project Splatter

January 2017

- Developed a virtual reality multiplayer game in a team of four that utilized a drone using JavaScript, Python, C#, Node.js, Unity

### Robot Soccer

May 2015

- Created a program that makes a Roomba play soccer using Python and ROS

## HACKATHONS

### SpartaHack - 36 Hours - MSU

January 2017

- Awarded Top Ten and Most Technically Impressive
- Created two projects with a team of four: Project Splatter & Blendexa - [devpost.com/GrayTurtle](https://devpost.com/GrayTurtle)

### HackMIT - 24 Hours - MIT

September 2016

- Worked with a team of four to work on a Google Cardboard app

## LEADERSHIP & ACTIVITIES

### Hacklahoma, *Founder & Director*

January 2017 – Present

- Lead organizer for a 30+ person team for a 24 hour, 250 student hackathon
- Founded the first Major League Hacking hackathon in Oklahoma

### Student Chapter of the Association of Computing Machinery, *President*

April 2017 – Present

- Providing students with CS job and learning opportunities through events

### GitHub Campus Expert

August 2017 – Present

- Working with GitHub to facilitate an inclusive and diverse tech community

### Kindle the Flames, *Co-Lead*

September 2015 – February 2017

- Co-led STEM outreach to children within Stillwater community with three other people

## SKILLS

Languages: Java, C++, Python, R, HTML, CSS, JavaScript, C (in order of proficiency)

Tools: Git, AWS, Linux, Android SDK, Node.js, ROS