

John Tran

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github.com/GrayTurtle
devpost.com/GrayTurtle

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

May 2017 – Present

- Converting general models for O(1) look up time using multivariate interpolation
- Utilizing agile/scrum software development principles
- Creating a plugin to dynamically organize the organization's wiki using text relation APIs

Google, *CodeU Participant*

Remotely

March 2017 – June 2017

- Selected to an invite-only software development program
- Worked with two other students and a Google engineer to revamp a chat application
- Extensively learned the development process and produced production code utilizing tools like Git

Kirtland Air Force Base AFRL, *Software Engineering Intern*

Albuquerque, NM

June 2016 – August 2016

- Developed a GUI for General Purpose Telescope Control in a team of two
- Made sure that the software was cross-platform, robust, and well documented

PROJECTS (More @ 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

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

Kindle the Flames, *Co-Lead*

September 2015 – February 2017

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

SKILLS

Most Proficient: Java

Comfortable (in order): C++, Python, HTML, CSS, JavaScript, C

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