

Jeffrey Terry

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Education

University of Oklahoma — Norman, OK

Bachelor of Science in Computer Science, 4.0 GPA [expected May 2017]

Bachelor of Arts in Math, 4.0 GPA [expected May 2017]

Work Experience

XiP Technologies

CTO & Cofounder

May 2014 - present

- Building devices that track cars going in and out of parking lots using Sharp IR distance sensors, Raspberry Pis, and a proprietary filtering algorithm.
- Showing students parking availability in real-time via an iPhone, Android, and web application.
- Developed the technology over a two-month period with guidance from a robotics researcher at OU, leading to a recent test with a 100% identification rate for a sample size of 59 cars.

Center for the Creation of Economic Wealth

Web Developer

June 2014

- Developed and launched new official website in under two weeks.

Center for the Creation of Economic Wealth

Software Engineering Intern

January 2014 - April 2014

- Designed and built an online marketplace for buyers and sellers of special event parking.
- Presented the product and business model in front of 200+ people.
- Stack: NodeJS, MongoDB, BackboneJS, Paypal API, Google Maps API, Amazon EC2

Plow Technologies

Software Engineering Intern

June 2013 - August 2013

- Worked with two people designing a new web application now used daily by all of their clients.
- Developed data visualization tools using AngularJS.
- Became the first person to use Haskell in a real-world project.

Projects

BusMe

September 2014 - present

- Built an Android application in one weekend that collects and parses data from the TCAT bus system website to provide real-time bus directions to students on Cornell's campus.
- Using agile development to refine the app in preparation for a public release in early November.

Alcott Computer Science Education

August 2014 - present

- Teaching python to 20 sixth-graders at a middle school in Norman.

Dinger

June 2014

- Created a simple chat bot using an archive of 30,000 Facebook messages between two of my friends, leading to an accurate and hilarious imitation of their conversation patterns.

Camera Bot

May 2010 - July 2010

- Used an array of three sonar distance sensors to follow and take pictures of nearby people.

Norman Advanced Robotics

January 2008 - July 2013

- Led the construction and programming of over 22 autonomous robots from scratch.
- Competed against teams from across the world and won first place at the 2009, 2012, and 2013 Global Conferences on Educational Robotics (GCER) after spending months devising strategies and building and programming robots to achieve complex tasks autonomously.
- Became the first and only middle school team to win first place in Botball's 16-year history, and the only person, along with one of my teammates Daniel Goree, to win first place three times.

Skills

- Fluent in Java, JavaScript, and HTML/CSS
- Comfortable in Python, C++, CAD (with Blender), and Pickup Basketball
- Experienced in Objective-C, Haskell, and Lisp