Jeffrey Terry
Software Engineer

🌐 **jeffterry.org**   ⌨ **github.com/JeffreyTerry**

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LANGUAGES & SKILLS

Languages
Proficient — Python, JavaScript, TypeScript, Java, HTML/CSS

Comfortable — C++, C, C#, Bash, Ruby

Familiar — Perl, Haskell, Scheme, Swift

Spoken Languages — Spanish (conversational)

Select Frameworks & Technologies
Proficient — Django, React, Redux, Bootstrap, Jest, PostgreSQL, Docker, Material UI, Testing Library

Comfortable — AWS CDK, Rails, Node + Express, MongoDB, AngularJS, EmberJS, JQuery, BackboneJS

EDUCATION

Ohio State University   2018–2020
MA in Digital Media Studies   **4.0 GPA**
- Studied **software usability**, **science fiction**, and **the history of technology**.
- Thesis: "Presly: A Digital Tool for Improving Student Presentations." [Live link](#).

University of Oklahoma   2013–2018
BA in **Mathematics** & BA in **English**   **3.96 GPA**
Computer Science Minor (10 CS Courses)
Summa Cum Laude

WORK EXPERIENCE

Concertiv (New York City, NY) — Software Engineer II   June 2021 – Present
- Concertiv is a B2B product procurement platform that integrates workflow, contract management, and spend analysis to help companies buy the best products at the best prices.
- In my first 90 days: Implemented 30 user stories, fixed 10+ bugs, and performed 5 security audits, which accelerated the release of the previous generation platform to external customers by 4 months.
- Designed and executed a recruitment strategy to hire 2 engineers in 2 months.
- Sourced, evaluated, closed, and onboarded new engineers.
- Leading the development of the next-gen platform using AWS CDK, React + TypeScript, and Django.
- Maintaining >90% code coverage and keeping tech debt low while moving quickly.

AskMe Learning (Norman, OK) — SWE (Volunteer)   December 2020 – May 2021
- Built a web platform from the ground up to allow students to find and register for online classes.
- Generated $3500+ of revenue within the first year of the platform's operation.

Ohio State University (Columbus, OH) — Graduate Fellow / TA   August 2018 – December 2020
- Taught first-year composition while studying software usability, science fiction, and the history of technology.
- Rated "good" to "excellent" by >80% of my students.

OU Honors College Writing Center (Norman, OK) — Writing Tutor   August 2016 – May 2018
- Read and critiqued sixty papers each semester and provided actionable feedback during 1-on-1 sessions.

Microsoft (Seattle, WA) — Software Engineering Intern   May 2016 – August 2016
- Built a system that allowed engineers running A/B tests on user interfaces to see results in real-time.
- Wrote jobs for Cosmos (similar to MapReduce) to analyze user behavior data at scale.
- Built a website in my free time to help co-workers find campus micro-kitchens (coconut.jeffterry.org).

National Instruments (Austin, TX) — Software Engineering Intern   May 2015 – August 2015
- Committed and documented over 2000 lines of high-quality code across seven different projects.
- Played a critical role in shipping NI's Software Platform Bundle, a $50m revenue stream, on time.
- Started a weekly reading group among the interns and organized a team for the intern volleyball league.

XiP Technologies (Norman, OK) — Co-founder & CTO   June 2014 – January 2015
- Obtained $10,000 in seed funding and worked on a four-person team to provide students with real-time parking availability by building devices that count cars entering and exiting parking lots.

I-CCEW (Norman, OK) — SWE Intern, SWE Alumni Intern   January 2014 – April 2015
- Built an online marketplace to help people find parking at football games and pitched it to 200+ people.
- Developed a high-security project management website for use by large corporate partners.

Plow Technologies (Oklahoma City, OK) — SWE Intern   June 2013 – August 2013
- Worked with two other people to rebuild the company's interactive web platform from the ground up.
- Used Haskell in a production environment before it was cool.

SELECT PROJECTS

Presly (presly.org)
- Built a two-sided web application that teaches presentation skills, including an interactive presentation coach that uses face-api.js to provide real-time feedback.
- Developed an interface for instructors which allows them to assign Presly as part of a course, customize which components students see, view students' work, and provide feedback.

Surfy (getsurfy.org)
- Built a browser extension that displays the fact-check records and the political leanings of news websites.
- Utilized the super-fast Vanilla JS framework (vanilla-js.com)

Where My Coconut (coconut.jeffterry.org)
- Built a web application that helps Microsoft employees find microkitchens and latte machines.
- Attracted 400+ users within a month of release.

Norman Advanced Robotics (coconut.jeffterry.org)
- Led the construction and programming of over 22 different 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. A video of two of the robots: https://goo.gl/vQMIP2

Visit jeffterry.org or github.com/JeffreyTerry to see more projects.

LEADERSHIP

President, Vice President — OU Honors Student Association	2015–2018
Founder, Director — OU Honors Mentorship Program	2015–2018
Film Director, Programming Director — OU Union Programming Board	2015–2016
Technical Advisor, Founding Member — OU CS Interview Prep Club	2014–2016
Computer Science Teacher (Volunteer) — Alcott Middle School (Norman, OK)	2014

AWARDS & HONORS

OSU Dean's Distinguished Fellowship (2018–20)**, OU Outstanding Honors College Senior** (2017)**, OU Libraries Undergraduate Research Award - Top Prize** (2017)**, OU Big Man on Campus** (2016)**, Richard V. Andree Memorial Scholarship in Mathematics** (2016)**, Best Use of IBM Bluemix API & Keen IO** (HackTX 2015)**, 1st Place at ConocoPhillips Innovation Challenge** (2014)**, 2nd Place at OU Freshman Engineering Showcase** (2013), **National Merit Scholarship** (2013)**, Oklahoma Academic All-State** (2013)