Jeffrey Terry

Software Engineer

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

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LANGUAGES & SKILLS

Languages

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

Comfortable — Bash, C++, C, C#, Ruby

Familiar — Perl, Haskell, Scheme, Swift

Spoken Languages — Spanish (conversational)

Select Frameworks & Technologies

Proficient — Django, React, Redux, AWS CDK, Jest, PostgreSQL, Docker, Material UI, Bootstrap

Comfortable — CDK for Terraform, PySpark, Kafka, Rails, NodeJS, AngularJS, EmberJS, BackboneJS, JQuery

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

Spade (YC W22) (Remote, US) — Founding Engineer   June 2022 – Present
- Implemented most of our core business logic, infrastructure, and testing + deployment strategy, achieving >99.999% uptime and latencies under 25ms (P99) and 50ms (P99.99)—10x lower than competitors.
- Established, encouraged, and embodied healthy team values such as embracing failure, promoting ownership, and bringing joy to the journey.
- Designed and/or advised on the design of the majority of our tech stack, including the application code, infrastructure, developer tooling, data pipelines (Databricks), CI/CD pipelines, docs, demo site, and more.

Concertiv (New York City, NY) — Senior Software Engineer   June 2021 – June 2022
- 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.
- Led the development of Concertiv's next generation B2B product procurement platform.

AskMe Learning (Norman, OK) — Software Engineer   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 (Microsoft's version of 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)**, Fulbright Semi-Finalist** (2018)**, 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)