

TOM WU

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EDUCATION

University of Tulsa

- B.S. in Computer Science, expected 2020
- Courses: Discrete Math, Data Structures & Algorithms, Computer Organization

Oklahoma School of Science and Math

- High School Diploma, May 2016

EXPERIENCE

TU Multi-Agent Systems Lab

Oct 2016 - Current

Research Assistant, University of Tulsa

- Finding convergence of multi-agent relationships in Prisoner's Dilemma interactions
- Simulating agents in a social network with parity, sympathy and reciprocity using Scala and GraphStream

Oklahoma State University Soil and Fertility

Summer 2014, Summer 2015

Research Assistant, Stillwater, OK

- Created video ad to promote an economical, easy-to-use hand planter for developing countries
- Tested nitrogen efficiency using soils to increase yields of wheat and corn

PROJECTS

Personal Website

Sep 2016 - Current

- Static website displaying my biography, resume, and projects
- Languages/Tools: HTML/CSS, Bootstrap

Happy Wallet

Oct 2016

- Created iOS app that allows users to set monthly budgets, add expenses, and see available spending
- Built with a team at TAMUHack 2016
- Languages/Tools: Swift, Xcode

Echo Math

Sep 2016

- Created an Alexa Skill that allows users to query Wolfram Alpha
- Built with a team at HackISU 2016
- Languages/Tools: Java, AWS Lambda, Wolfram Alpha API

VOLUNTEERING

El Sistema, Homework Tutor

Mar 2016 - May 2016

Oklahoma City, OK

- Tutored children from 3rd to 8th grade

City Rescue Mission, Reading Tutor

Oct 2015 - May 2016

Oklahoma City, OK

- Taught underprivileged children to read

SKILLS

(Most familiar to least familiar): Python, HTML/CSS, Java, JavaScript