TOM WU

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EDUCATION

University of Tulsa
- B.S. in Computer Science, expected 2019
- GPA: 4.0/4.0
- Courses: Discrete Math, Data Structures & Algorithms, Computer Organization, Operating Systems

Oklahoma School of Science and Math
- High School Diploma, May 2016

EXPERIENCE

TU Multi-Agent Systems Lab   Oct 2016 - Dec 2016
Research Assistant, University of Tulsa
- Finding convergence of multi-agent relationships in Prisoner's Dilemma interactions
- Created tracking statistics of 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

OtterGrader   Jan 2017
- Built GUI for application that creates HTML tests and scores tests from a photo
- Integrated metadata and questions from input to HTML template and JSON
- Formatted HTML document with Bootstrap and CSS.
- Languages/Tool: Python, Kivy, OpenCV, HTML/CSS

Happy Wallet   Oct 2016
- Created iOS app that allows users to set monthly budgets, add expenses, and see available spending
- Built functionality of passing/saving values between the 'add budgets/expenses' layout and the main display layout
- Languages/Tools: Swift, Xcode

Personal Website   Sep 2016 - Current
- Static website displaying my biography, resume, and projects
- Languages/Tools: HTML/CSS, Bootstrap

Echo Math   Sep 2016
- Created an Alexa Skill that allows users to query Wolfram Alpha
- Built animated demo website with HTML/CSS and jQuery animations
- Languages/Tools: Java, AWS Lambda, Wolfram Alpha API

SKILLS

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