

Tom Wu
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EDUCATION

- **University of Tulsa** Tulsa, OK
Bachelor of Science in Computer Science; GPA: 4.00; President's Honor Roll *Aug. 2016 – May 2019*

EXPERIENCE

- **Cerner Corporation** Kansas City, MO
Software Intern *May 2018 – Aug. 2018*
 - **Visual Regression Testing:** Increased test coverage on repository of ~60 React components using WebdriverIO visual regression tests
 - **Search Filter React Component:** Created and added a React.js search filter to an open source library
 - **Languages/Tools:** JavaScript (ES6), React.js, WebdriverIO, Git
- **Security Economics Lab** Tulsa, OK
Research Assistant *May 2017 – May 2018*
 - **Data Collection:** Scraped ~15,000 transaction records from 88 Bitcoin Exchanges daily using a Selenium web scraper. Identified posts correlating to price peaks on ~700 Altcoins by querying a Google Custom Search Engine and parsing web forum content
 - **Crypto News Classification:** Crowdsourced manual classification of ~1000 news articles as reporting security breaches by creating website using Django
 - **Data Visualization:** Aggregated weekly volume of malware on ~14,000 web hosts and 187 countries from a MySQL database and displayed graphs using Flask and Google Charts API
 - **Languages/Tools:** Python, Flask, Linux, MySQL, Selenium, JavaScript, HTML/CSS, Google Custom Search API, Google Charts API, Git
- **University of Tulsa** Tulsa, OK
Undergraduate Teaching Assistant (Paid) *Aug. 2017 – Dec. 2017*
 - **Data Structures & Algorithms:** Graded written/coding assignments, held weekly office hours and review sessions for class of 60 students

PROGRAMMING SKILLS

- **Languages (Most familiar to least familiar):** Python, JavaScript, SQL
- **Technologies:** React.js, WebDriverIO, HTML/CSS, Flask, Linux, MySQL, Selenium, Google Charts API, Google Custom Search API, Git