

Will Robbins

Education

Graduating Dec. 2018 **University of Illinois at Urbana-Champaign, B.S. Computer Science**
GPA: 3.81

Honors James Scholar, Deans List, **Merit Scholarships for Full-Tuition** (President's Award Program Honors, Illinois Engineering Enhanced Scholarship, State Farm Computer Science Scholarship)

Experience

Summer 2017 **Yelp, Software Engineering Intern**

- Backend SWE intern on the Revenue team
- Built a backend/infra tool to make the Ordering Platform more scalable and trustworthy**
- Primary tools: Python, AWS SFN

2017 **Contrary Capital, Investor**

- Source deals, meet with founders, complete diligence, and make decisions about UIUC startups.

Summer 2016 **RetailMeNot, Software Engineering Intern**

- Built an internal API** from scratch that predicts the revenue generated by displaying given content
- Dockerized the service and **deployed it to AWS**
- Used NumPy/Pandas to build a model predicting revenue
- Built a workflow around internal data warehouse tools** to load data in/out of AWS Redshift, analyze it with Jupyter notebook, and train an ML model

2014-2015 **Founder, Executive Director, Techwurk.org**

- Techwurk is an organization that connects charities in need of websites with students interested in technology
- Pitched Techwurk to a panel of investors in front of 300 people and won a grant to develop the business model in Barrington, IL**

Summers **Programming Intern, Dayaway Careers**

- 2012-2015
- Dayaway Careers is a job search site in the green energy industry
 - Wrote Python code to scrape/ETL new job alerts
 - Worked with HTML/CSS/JS and a CMS to format and deploy pages to the website

Skills & Technologies

Languages Python, Java, JavaScript, C, C++, HTML/CSS, SQL

DevOps Git, UNIX/Bash, Docker, AWS S3, SFN/SWF, Redshift, and Elastic Beanstalk, Jupyter notebook

Other Tech Flask, Android, NumPy/Pandas, MongoDB, PostgreSQL, Jinja, Chrome Dev

Projects

Android Wrote and published Android apps. My most popular app, a *Brick Breaker* clone, has over **100,000 user downloads to date**

Python Implemented a recurrent neural network architecture to generate coherent English text that mimics a training corpus

Chrome Built a chrome extension that parses monetary amounts and shows users what charitable impact that amount could have if it were donated to an effective charity

JavaScript Collaborated with other students to build ChillWithMe.xyz, a **web application with functionality similar to Yik Yak** that aims to facilitate the discovery of events around campus.