

# Will Robbins

---

## Education

2015-present **University of Illinois at Urbana-Champaign, B.S. Computer Science**

GPA: 3.79. CS GPA: 4.0

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

Relevant Coursework Calculus III, Data Structures, Discrete Structures, Neural Network Modeling, System Programming (enrolled), Computer Architecture (enrolled), Linear Algebra (enrolled)

## Experience

Summer 2016 **Software Engineering Intern, RetailMeNot**

Given return offer

- Built an internal API from scratch that predicts the revenue generated by displaying given content
- Wrote the service in Python (using Flask and Ripozo) to fit JSON API specs
- Dockerized the service and deployed it to AWS Elastic Beanstalk
- Used NumPy/Pandas to build an 'expected revenue' model
- Built a workflow around internal data warehouse tools to load data in/out of AWS Redshift, analyze it with Jupyter notebook, and refine the ML model
- Met progress goals and presented my work to C-level execs and engineering VPs

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
- Was responsible for every aspect of the organization including sales, client relations, project management, student training, and coding

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++, HTML/CSS, SQL

DevOps Git, UNIX/Bash, Docker, AWS S3, 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 similar functionality to Yik Yak that aims to facilitate the discovery of events around campus.