

Patrick Canny

Computer Science Major and Math Minor • University of Kansas, May 2019 • 3.43 GPA

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Technical Skills

Programming (Proficient)	C++/C • Python
Programming (Knowledgeable)	Java • Haskell • C#
Web Development	Flask • Heroku (Basic) • HTML/CSS/Javascript
Workflow/Tools	Git/Github • MongoDB • JIRA • Postman • MySQL (Basic) • Kibana (Basic)

Experience

FanThreeSixty

Kansas City, MO

Software Engineering Intern • Mobile Backend

May 2018 - August 2018

- Created robust Java middleware for a growing suite of mobile applications, culminating in a timely client launch
- Minimized application load times and redundant data storage, improving speeds in 10+ production systems
- Organized weekly agendas for intern team meetings, increasing productivity and resulting in a successful project
- Actively contributed to an agile team, causing our team to stay above our historical burn line for 4 straight sprints

Scales

Ft. Collins, CO

Co-Founder

August 2015 - Now

- Founded the first media platform about competitive yo-yoing and its surrounding subculture
- Researched fan engagement tactics, contributing to a 4x increase in sponsorship inquiries and highly loyal fans
- Collaborated with companies to design, market, and sell unique products, increasing revenues by ~600%

Leadership

Self Engineering Leadership Fellowship

Lawrence, KS

SELF Fellow

August 2015 - Now

- Co-Founded the SELF newsletter team, providing useful and thoughtful content to 200+ subscribers
- Coordinated a successful community service event, managing logistic challenges and creating a great experience

Larimer County Conservation Corps

Ft. Collins, CO

Land Crew Mentor

May 2017 - August 2017

- Led a crew of 6-12 high-school students in a number of conservation projects in northern Colorado
- Managed daily project outcomes and reported status to project sponsors and executives on a daily basis

Projects

Landscape Web Scraper

Python, Flask, Jinja, Heroku

- Leveraged test-driven development to deploy a web scraping application using Python, PyTest, and Flask
- Architected high-level application design, empowering team members to integrate specific functionalities easily
- Led team members through development workflow and improved understanding of agile methodologies

Needle: Rotten Tomatoes for Spotify

Python, Flask, Jinja, MySQL

- Created a web-app allowing users to rate their friends' Spotify libraries as part of a 36 hour Hackathon

AQ Data Mining Algorithm

Python

- Implemented a complex rule induction algorithm designed to devise meaning from sizable datasets

Involvement

KU Student Housing • Resident Assistant

(2016-2017)

ACM at KU • Outreach & Engagement Chair, CS Tutor, Active Member

(2016-Now)

The Knights Who Say C Robotics • 3x FIRST Worlds Competitor, North Regional Inspire Award Winners (2014)