

Jacob Cannon

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EDUCATION

Temple University, College of Science and Technology
Bachelor of Science in Computer Science

Expected Graduation: May 2021
GPA: 3.27

Relevant Coursework:

Data Structures, Discrete Mathematics I & II, Program Design and Abstraction, Calculus I

TECHNICAL SKILLS

Programming Languages: Python, Java, HTML, CSS

Technologies: Git, SQL, Flask, Eclipse, IntelliJ, Bootstrap, Mac OSX, Linux

PROJECTS

Public Trash Can Finder (Python, Twitter API, Google Maps API)

- Created a Twitter bot that returns directions to nearest waste bin in Philadelphia
- Using the Twitter API and the Google Maps API the bot finds user's location and tweets location of nearest waste bin
- Won Best Social Good Project at Owl Hacks 2019

Command Line Video Editor (Python, FFmpeg, YouTube-dl)

- Built a command line Interface with Python that edits videos based on keywords
- Searches for word(s) in the subtitles, collects the time format, parses data and passes to YouTube dl and FFmpeg for automated video editing
- Used for automating video editing, batch editing, and GUI-free editing

WORK EXPERIENCE

Temple University, Philadelphia, PA

April 2019 – Present

Lab Consultant

- Manage general purpose computer lab
- Resolve technical issues for students, faculty and staff
- Troubleshoot enterprise software and hardware

Ocean Prime Steakhouse, Philadelphia, PA

October 2016 - Present

Food Runner

- Resolve customer issues by listening and finding creative solutions to rectify challenging situations
- Build and maintain relationships with regular customers by learning and remembering preferences

ACTIVITIES & AWARDS

Best Social Good Project at Owl Hacks 2019, Temple University

TUDev – Temple University's hacker community

Association for Computing Machinery