

Justin T. Krumlauf

<http://justinkrumlauf.me>
jtkrumlauf@gmail.com | 203-273-1386

EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY

SECOND YEAR

SOFTWARE ENGINEERING MAJOR

LINKS

 [jtkrumlauf](#)

 [jtkrumlauf](#)

Website: justinkrumlauf.me

SKILLS

PROFICIENT

Python | HTML | CSS | JavaScript
| PyCharm | Eclipse | Atom | Linux |
MacOS | Windows | Vi | Vim | Git

ADEQUATE

Java | React | AngularJS | jQuery
| Bootstrap | Flask | Keras |
TensorFlow | C | Numpy |
Google Cloud Platform

LEARNING

Ruby | C++ | Sass | NodeJS
| PHP | SQL | XML | Cloud Firestore

PROJECTS

HAPI - TWITTER SENTIMENT ANALYZER | CO-CREATOR

Feb. 2019 – Current | Rochester, NY

Using Google Cloud Platform's Natural Language Sentiment API, Google App Engine, and Twitter's Tweepy API, my team and I implemented an algorithm to analyze the sentiment of given users or hashtags. Our vision is to allow companies to determine public perception of their brand or products on social media.

 github.com/jtkrumlauf/Hapi

➔ hapi-0.appspot.com

JBOT - REAL-TIME STRATEGY BOT | PROJECT CREATOR

Nov. 2018 - Dec. 2018 | Rochester, NY

Using various concepts in machine learning, I developed a bot for Blizzard Entertainment's real-time strategy game, Starcraft II. The bot uses a decision tree to make optimal decisions based on current game state.

 github.com/jtkrumlauf/jBot

ALCHEMY | PROJECT LEAD

Sept. 2018 - Dec. 2018 | Rochester, NY

I am leading a small team in creating a mod for Microsoft's popular game, Minecraft. Using Java, we are creating new blocks, items, events and ways for the user to experience the game. Screenshots can be found on website

 github.com/jtkrumlauf/Alchemy

EXPERIENCE

THE GREENWICH COUNTRY DAY SCHOOL | TEACHING ASSISTANT

Nov 2017 - Dec 2017 | Greenwich, CT

- Collaborated with computer science and technology faculty
- Provided supplementary assistance to students in the Makerspace Lab (Raspberry Pi's, Arduino, 3D Modeling, Computer Aided Design, Websites, etc.)
- Taught introductory computer science classes in Python and various related libraries (PyAutoGui and Turtle).

THE GREENWICH COUNTRY DAY SCHOOL | TECH. INTERN

Mar 2016 – May 2016 | Greenwich, CT

- Repaired computers and 3D printers, configured Smartboards, and maintained the server room.
- Performed regular maintenance on 3D printers and their respective software (Ultimaker Extended, Makerbot, Makerbot Print, LulzBot, Cura)

LOCAL LIVE TV | VIDEO PRODUCER

Feb 2014 – Present | Stamford, CT

- Wirelessly film a variety of High School events including Ice Hockey, Lacrosse, Theatre and Football
- Created highlight clips that were then sent off to the respective school

AFFILIATIONS AND ACTIVITIES

2017	Board Member	The RIT Artificial Intelligence Club
2017	Member	The Society of Software Engineers
2019	Participant	BrickHack V - RIT Hackathon