

FIRST NAME LAST NAME

City, USA · firstnamelastname@gmail.com · 123-456-7890 · <https://github.com/mygithublink>

PROJECTS

My Big Project *Python, Flask, SQLite, REST API, Docker* 4,900+ stars; 900+ forks
<https://projectwebsite.com> <https://github.com/mygithublink/bigproject>

An offensive security framework for security researchers, students and developers to study basic botnet architecture. Subject of blog posts by cybersecurity firms and included in the curriculum of cybersecurity college courses.

- Pre-built C2 server, custom payload generator for platform-independent RAT payloads, and 12 post-exploitation modules.
- Secure symmetric key generation over a network via Diffie-Hellman IKE and network communication secured with AES-256 encryption.
- Robust web application front-end is included for users who prefer this over the console based application.
- Utilizes staged payloads with modified implementation of Python's import mechanism, allowing any packages not installed locally to be remotely imported automatically.
- Designed to allow developers to add their own modules via drag/drop without editing the main code base.

EXPERIENCE

Large Fintech Firm in US City, US
Data Intake Engineer December 2018 - Present

- Automated 29% of all manual web scrapes by developing an OTP email token parsing system using Python, MSSQL and Apache James, resulting in an average of 80% reduction in missing data for these data feeds and saving 0.5 FTE of work.
- Led Department Key Initiative Project to target old parsers and web scrapes built with Perl and iMacros and rebuilt them using Selenium and Python/Pandas, resulting in a 50% decrease in missing/late data for these feeds, as well as making the code more maintainable.
- Automated 42% of all manual web scrapes which require a OTP code from a physical RSA token be entered during login by utilizing a machine-learning based approach built on Amazon Rekognition, saving 0.5 FTE of work and reducing missing data for these data feeds by 90%.
- Developed new software which has completed 4 weeks of FTE labor to date by monitoring a Jira queue for missing data cases, and automating the troubleshooting and resolution process from end-to-end.
- Received Quarterly Spot Award for having the top performance metrics in the Data Intake Division for Q3 2019, on average producing 175% of the amount of work expected.
- Built Flask web app for remotely viewing RSA tokens via webcam, which enabled swift and seamless transition to company-wide work from home policy.
- Official mentor for new hire beginning May 2019, and informally mentored others.

EDUCATION

My University City, US
BS Computer Science *GPA: 4.0 (major)* Expected Graduation - May 2022

PROFESSIONAL CERTIFICATIONS

CEH (Certified Ethical Hacker) EC-Council
Credential ID: XXXXXX July 2018

Machine Learning Certificate Coursera
Certificate from Stanford Online via Coursera
<https://www.coursera.org/account/accomplishments/certificate/XXXXXXXXX> August 2020

SKILLS

Programming Languages:	Python, Java, Perl, C, HTML/CSS/JavaScript, TypeScript
Databases:	MySQL, MSSQL, SQLite
Frameworks/Web Development:	Flask, Angular, Redis, Spring Boot
Tools:	Git, Linux, Docker, Jira, AWS EC2, AWS Rekognition