

BRIAN KASPER

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EDUCATION

The Pennsylvania State University - B.S. Computer Science
Dual Minor in Cybersecurity and Mathematics *GPA: 3.52*

University Park, PA
August 2017 - May 2021

EXPERIENCE

PNC Bank

Technology Analyst

Remote
August 2021 - Present

- Worked with Cyber Defense team to prevent cyberattacks and monitor for other cybersecurity threats.
- Built a playbook in Splunk Phantom using Python to pull data for failed Phantom actions and post a daily report to Confluence.
- Created a custom Phantom app to pull emerging threats data from a PNC created API.

TD Ameritrade

Software Engineering Intern

Jersey City, NJ
May 2020 - August 2020

- Worked with multiple agile teams to perform front-end upgrades to several Angular UI components on a consumer-facing website.
- Created a robust bash script to easily sync NodeJS package versions across all components in a larger project.
- Implemented server-side compression for static assets in a brand new back-end web infrastructure.
- Contributed to two daily agile stand-ups; one front-end and one infrastructure.

TD Ameritrade

Software Engineering Intern

Jersey City, NJ
May 2019 - August 2019

- Developed a proprietary web application using Angular Typescript to automate the creation of release documentation for TD Ameritrade Institutional applications.
- Built an interactive release calendar allowing managers and product owners to directly view and edit upcoming release information synced to JIRA and Confluence.
- Pulled information from JIRA, Bitbucket, and ALM to gather important metrics revolving TD Ameritrade Institutional releases.

SKILLS

Programming Languages: Angular/React, Javascript (NodeJS), CSS/SCSS, Python, Java, C

Industry Knowledge: RESTful APIs, MongoDB, Cloud Computing (AWS), Docker, Jenkins

PROJECTS

Dollar Pizza Finder iOS

<https://github.com/bpk9/Dollar-Pizza-Finder-iOS>

iPhone app that instantly gets directions to the nearest \$1 slice of pizza in New York City.

Penn State Bus Stop Alexa Skill

<https://github.com/bpk9/PSU-Bus-Alexa-Skill>

Enables Alexa devices to be able to determine when the next Penn State campus bus will get to a given bus stop using AWS Lambda.

Casper Personal Assistant

<https://github.com/bpk9/Casper-Personal-Assistant>

Desktop Personal Assistant that uses speech recognition to solve math problems and answer general questions by searching Wolfram Alpha and Wikipedia.

Robinhood Stock Trading Bot

<https://github.com/bpk9/Robinhood-Stock-Trading-Bot>

Python script to automatically analyze stocks in the S&P 500 and buy or sell them accordingly using Robinhood.