

# Shamroy Pellew

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## career objective

Graduate student seeking an internship with a company that will help me to refine my existing software development skills and gain new exciting work experience.

## education

- Present **BACHELOR / MASTER'S OF SCIENCE IN COMPUTER SCIENCE** *University at Buffalo*  
Grade point average: 3.3  
Expected date of graduation: December 2022  
Member of: National Society of Black Engineers, UB Association for Computing Machinery  
Relevant coursework: Data Structures, Systems Programming, Algorithms and Complexity, Intro Linear Algebra, Distributed Systems, Intro Machine Learning, Calculus 3, Software Engineering Concepts
- Jun 2020 **ADVANCED SOFTWARE ENGINEERING CERTIFICATE OF COMPLETION** *CodePath*
- Jun 2018 **FULL STACK WEB DEVELOPER NANODEGREE** *Udacity*

## work

- Jun 2021 - Aug 2021 **SOFTWARE ENGINEERING INTERN** *Capital One*
  - Performed general refactoring to improve code quality and reduce potential bugs
  - Programmed asynchronous Python web server to process uploaded images and convert them into machine-encoded text
- Sep 2020 - Dec 2020 **MLH FELLOW** *Major League Hacking*
  - Constructed a virtual reality sample to exhibit W3C's new WebXR Media Layers API
  - Worked under the guidance of a professional mentor from Facebook's Oculus division
- Feb 2020 - May 2021 **RESEARCH FELLOW** *The Research Foundation for SUNY*
  - Integrated open-source Rocketchat communication platform with a NodeJS backend
  - Deployed, organized, and maintained a MongoDB database as necessary
  - Developed a web-based portal to allow the sharing of sustainability related information and research efforts
- Aug 2019 - May 2021 **UNDERGRADUATE TEACHING ASSISTANT** *University at Buffalo*
  - Supervised laboratory classes of ~25 students
  - Facilitated student learning by holding weekly office hours and review sessions
- Jun 2019 - Aug 2019 **ANDROID SOFTWARE DEVELOPMENT INTERN** *Wegmans Food Markets*
  - Implemented features and bug fixes in a fast-paced, agile work environment
  - Transformed wireframe and other visual designs into code for layouts (XML)
  - Wrote unit tests examining MVP architecture
- May 2019 - Sep 2019 **GOOGLE SUMMER OF CODE STUDENT** *MetaBrainz Foundation Inc.*
  - Extended existing code to support the review of four new entities
  - Designed web templates to display and interact with data fetched from external APIs

## software skills

JavaScript, Python, Typescript, Kotlin, Scala, C, HTML, CSS, SQL, MongoDB.

Tools: Linux, Android Studio, AWS, Bash, Firebase, NPM, Pip, FastAPI, Flask, Django, NodeJS, Express, Fastify, React Native, Git, REST API, Docker, Tesseract.