

Vinston Guillaume

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EDUCATION

State University of New York New Paltz, New Paltz, NY

Expected Graduation: May 2019

Bachelor of Science, Major: Computer Science

Relevant Coursework: Software Engineering, Computer Science III, Web Programming, Object Oriented Programming, Digital Logics, Assembly/Computer Architecture, Operating Systems, Discrete Mathematics for Computing, Discrete & Continuous Algorithms, Calculus II

State University of New York at Old Westbury, Old Westbury, NY

August 2015-May 2016

Dean's List: Spring 2016

TECHNICAL SKILLS

Languages: Java, Python, HTML, CSS, JavaScript, JQuery, SQL

Tools: Android Studio, GCP, AWS Services (S3, RDS, API Gateway, Lambda), Directed acyclic graphs (DAGs), PostgreSQL, RESTful, Django, Flask, Node.js, Vue.js, RESTful API, MongoDB

Systems: Linux/UNIX, Mac, Windows, Docker

WORK EXPERIENCE

Software Engineer Intern, HBO

June 2018-August 2018

- Created a 'serveless' dashboard using AWS services as well as RESTful API implementation to display workflow tasks for the Media Technology Information System (MTIS) team.
- Increased productivity within the Data Analytics Team by automating current workflow alert system.
- Working within the Development Operations team that provides support for HBO Cloud applications.

Computer Science Tutor, SUNY New Paltz

January 2018-Present

- Provide instructional support to students to help them improve their computer science knowledge.
- Prepared students for upcoming exams and assignments in Computer Science I & II.
- Students obtained overall grades of B+ and above.

Computer Science Instructor, Science and Technology Entry Program (STEP)

May 2018-Present

- Develop extensive lesson plans and assignments specifically for each individual high school student's level.
- Taught class of 25 students basic configuration of micro-controllers such as raspberry pi and arduino boards.
- Instruct introductory computer programming course to high school STEP students; Java and Python.

PROJECTS

Android Remote Controlled Car (2018)

- An arduino powered car which received a serial connection from a HC-05 bluetooth module.
- The android application sends commands to the bluetooth module which enables the car to operate.
- URL: <https://github.com/vguillaume8/RemoteControlCar>

Exercise App (2018)

- An exercise app for users to log their exercise workouts and upload and share photos of themselves exercising.
- Implemented with a Vue.js front-end, using a RESTful API to connect to Node.js express server.
- URL: <https://github.com/vguillaume8/exerciseApp>

LEADERSHIP & ACTIVITIES

President, National Society of Black Engineers (NSBE)

May 2017-Present

- Led recruitment initiative increasing chapter from 5 students to 20 students in under one month.
- Provided programmatic content resulting in 8 internships/full time job opportunities for Summer 2018.
- Promote diversity within the Computer Science and Engineering Department on campus.

Vice-President, National Association of Black Accountants (NABA)

May 2018- Present

- Co-founded chapter and created a cohesive community centered on professional and academic growth.
- Presented and facilitated workshops to assist in advancement of student body.