

# Vinston Guillaume

[vinstonguillaume@gmail.com](mailto:vinstonguillaume@gmail.com) • (914)-548-2514 • [vinstonguillaume.com](http://vinstonguillaume.com)

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## EDUCATION

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

Expected Graduation: May 2019

Bachelor of Science, Computer Science

GPA: 3.20

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

Dean's List: Spring 2016

## TECHNICAL SKILLS

**Languages:** Java, C++, Python, HTML, CSS, JavaScript, jQuery, SQL

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

**Systems:** Linux/UNIX, Mac, Windows, Docker

## WORK EXPERIENCE

**Software Engineer Intern, HBO**

June 2018-August 2018

- Created a 'serverless' 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.
- Repo: <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: <http://exercise.vinstonguillaume.com>
- Repo: <https://github.com/vguillaume8/letsExercise>

## 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.