

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

Relevant Coursework: Calculus I, Computer Science I

TECHNICAL SKILLS

Languages: Java, C++, Python, HTML, CSS, JavaScript, NodeJs, JQuery, SQL

Tools: Android Studio, AWS Services (S3, RDS, API Gateway, Lambda), Directed acyclic graphs (DAGs), PostgreSQL, RESTful, Django, Flask,

Systems: Linux/UNIX, Mac, Windows, Docker

WORK EXPERIENCE

Software Engineer Intern, HBO

June 2018-August 2018

- Working within the Development Operations team that provides support for HBO Cloud applications.
- 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.
- Result: Automated the workflow alert system and increased productivity within the Data Analytics Team.

Computer Science Tutor, SUNY New Paltz

January 2018-Present

- Provide instructional support to students to help them improve their computer science knowledge.
- Work with students to help prepare for upcoming exams and assignments in Computer Science I & II.
- Result: Multiple students increasing their overall grades to 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.
- Instruct introductory computer programming course to high school STEP students; Java and Python.
- Result: 25 students learned how to configure micro-controllers such as raspberry pi and arduino boards.

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>

Blackjack (2015 - 2018)

- One player Blackjack Game written in Java programming, implementing the use of arrays.
- An array full of playing cards gets selected in a random order to fulfill the deck of cards needed.
- URL: <https://github.com/vguillaume8/Black-Jack-Game>

LEADERSHIP & ACTIVITIES

President, National Society of Black Engineers (NSBE)

May 2017-Present

- Promote diversity within the Computer Science and Engineering Department on campus.
- Grew organization from 5 students to 20 students in under one month, 8 of which received internships/full time job opportunities.

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

May 2018- Present

- Co-founded this chapter and assist in creating a cohesive community where students can reach professional and academic growth.
- Host programs for students to learn about academic and professional opportunities.