Vinston Guillaume

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vinstonguillaume.com

EDUCATION

State University of New York New Paltz, New Paltz, NY　　　　　　Expected Graduation: May 2019

Bachelor of Science, Major: Computer Science

Relevant Coursework: Computer Science II-III, Digital Logics, Assembly/Computer Architecture, Software Engineering, Discrete Mathematics for Computing, Object Oriented Programming

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

Java, C++, Python, PHP, Android Studio, HTML, CSS, JavaScript, JQuery, AWS Services (S3, RDS, API Gateway, Lambda), Directed acyclic graphs (DAGs), PostgreSQL, RESTful, Django, Flask, Apache, Linux/UNIX, Swift

WORK EXPERIENCE

Software Engineer Intern, HBO　　　　　　　　　　　　　　　　　　June 2018-Present
- Working as part of the Development Operations team that provides support for HBO Cloud applications.
- Create a 'serveless' dashboard using AWS services as well as RESTful API implementation to display workflow tasks for the Media Technology Information System (MTIS) team.
- Develop and implement a faster deployment process on AWS.

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.
- Challenge students to find new methods of approaching programming questions.

Computer Science Instructor, Science and Technology Entry Program (STEP)　　　May 2018-Present
- Develop fully instructional lesson plans and assignments specifically for student's ability level.
- Instruct introductory computer programming course to high school STEP students; Java and Python.
- Work with students to learn and configure micro-controllers such as raspberry pi and arduino boards.

PROJECTS

Android Remote Controlled Car (2018)
- An arduino powered car which reviceved a serial connection from a HC-05 bluetooth module.
- The android application sent commands to the bluetooth module which enabled the car to move.
- URL: https://github.com/vguillaume8/RemoteControlCar

Blackjack (2015 - 2018)
- One player Blackjack Game written in Java programing, 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.
- Organize and execute the attendance of members to attend the NSBE regional conference.

Vice-President & Chapter Co-Founder, National Association of Black Accountants (NABA)　May 2018- Present
- Help create a cohesive community where students can reach professional and academic growth.
- Help students find and prep for potential rewarding academic and professional opportunities.