

JONATHAN MEVS

Current:

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Permanent:

124 Norfolk Avenue, Maplewood, NJ 07040

Objective: Gain experience in the fields of education and computer science.

EDUCATION

UNIVERSITY OF MARYLAND, COLLEGE OF COMPUTER, MATHEMATICAL & NATURAL SCIENCES

Bachelor of Science in Computer Science

May 2018

College Park Scholars, Public Leadership | Living and Learning Program

- Exceptional leadership skills are fostered through specialized classes and cooperative service projects in a program aimed at creating the social change agents of tomorrow

Terrapin Teachers Program

- Integrated degree program that grants a teaching certification with either an undergraduate degree or master's degree in order to answer the need for high-qualified science and math teachers

Relevant Coursework

- Inquiry Teaching of STEM in Elementary and Middle School, Object-Oriented Programming I & II, Calculus I, II, III, Contemporary Issues in Science and Technology Education, Applied Probability and Statistics, Discrete Structures, Introduction to Computer Systems, Organization of Programming Languages, Algorithms, Knowing and Learning Mathematics and Science, Computer Architecture, Machine Learning, Programming Handheld Systems

EXPERIENCE

HOUSING OPPORTUNITIES COMMISSION OF MONTGOMERY COUNTY

Bethesda, MD

Lego Robotics Instructor

October 2016- Present

- Facilitate after school Lego robotics program to elementary school students at HOC's Magruder's Discovery
- Students work with the EV3 and WeDo 2.0 robotics kits, to design, build, and program a robot. They are exposed to a variety of aspects within engineering and computer science. The curriculum is original, self-developed and dynamic.

COLLEGE PARK SCHOLARS: SCIENCE, TECHNOLOGY & SOCIETY

Prince George's County, MD

Teaching Assistant – CPSS240: Contemporary Issues in Science and Technology Education

September 2015-Present

- Provide transportation for a group of students enrolled in the course to a neighboring school in Prince George's County to facilitate after school Lego robotics enrichment programs. Worked at MLK Middle School and Paint Branch Elementary
- Supervise activities on-site at the schools, communicate with collaborating teachers, grade weekly assignments

LIFT PRE-COLLEGE PROGRAM

College Park, MD

Lead Instructor

July 2016

- Developed and delivered a week-long curriculum for a course titled "Programming and Coding in the 21st Century"
- Taught Java to a class of high school students. Topics such as methods, variables, conditional statements, loops and other OOP concepts were instructed through coding exercises and lectures. A general interest in the field was fostered.

MATHLETICS

College Park, MD

"Assistant Coach"/Teacher

July 2016

- A summer math enrichment camp for rising 6th, 7th, and 8th grade mathematically talented and motivated minority students
- Teachers, or assistant coaches, lead instruction of CCSS math for a group of 10 students in the morning, and participated in athletic activities in the afternoon. Assistant coaches worked under a lead professional academic teacher, or "head coach".

UNIVERSITY OF MARYLAND NOYCE SCHOLARS PROGRAM

College Park, MD

Math Tutor

September 2015-June 2016

- Attended neighboring Charles Carroll Middle School and Northwestern High School to provide math tutoring and assistance in teaching current curriculum

COLUMBIA HIGH SCHOOL

Maplewood, NJ

Teaching Assistant, volunteer

January 2016

- Worked with W. Scott Stornetta, Ph.D., in lower-level freshman Algebra I classes to assist students and the teacher as needed
- Gained valuable insight into the profession of public school teaching as well as explored suggested literature on pedagogy

LET'S GO BOYS AND GIRLS

Prince George's County, MD

University of Maryland Campus Partner, volunteer

November 2015-June 2016

- Non-profit organization with the mission to inspire and support underserved students to become STEM professionals
- Developed a web presence in order to better tell the organizations story, leading to increases in donors and volunteers. Efforts included the creation and implementation of social media and digital publicity strategy.

PANAFRICAN INVESTMENT CO.

New York, NY

Private Equity Intern

July-August 2014

- Private equity firm with mission to "identify, invest in and provide solutions that affect growth and development in sub-Saharan Africa"
- Conducted research to build economic sector profiles for various nations of interest while being exposed to financial analysis, computer modeling, competitive analysis, execution of transactions and drafting of memoranda for internal and external use

AWARDS

UMD NOYCE SCHOLARSHIP

School Year 2016-2017

- Recipients of the \$14,000 monetary award pledge two years teaching in a high-needs school district in the United States
- Noyce scholars attend specialized seminars to receive additional training during their teacher certification program

SKILLS

COMPUTER PROGRAMMING-Proficient: Java, C, Command Line, Ruby, OCaml, Prolog, Android Studio, Python; Basic: HTML, CSS