

JULIE APAGYA BONNEY

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EDUCATION

George Washington University Washington, DC

Expected May 2022

Bachelor of Science, Civil Engineering

Relevant Coursework:

Engineering Design , Materials, Introduction to C Programming, Introduction to Java, Statics, Differential Equations, Geology, Contracts and Specifications, Dynamics, Solids

SKILLS

- ♦ AutoCAD, SolidWorks, Google Sketch Up, 3D Printing, Machine Shop Trained, Basic Java, Basic C Programming ,ProCore, BlueBeam, Machine Shop Trained, Matlab, Multisim, Microsoft Suite, Communication, Networking, Public Speaking, Teamwork, Leadership

PROFESSIONAL EXPERIENCE

DC Water

January 2021 -Present

Research Assistant, Washington, D.C.

- ♦ Testing samples at different points through out the pilot system
- ♦ Feeding and properly maintain the pilot for the proper growth of Anamox
- ♦ Keeping detailed and up to date information on processes through out the plant

School of Engineering And Applied Sciences Computing Facility

October 2018 - Present

Laboratory Technician, Washington,D.C.

- ♦ Monitors and Create 3D prints for students
- ♦ Resolve Technical issues such as AV issues, down computers, printer issues among other things
- ♦ Currently working in-person and remotely

Flatiron Construction

June 2020 – December 2020

Field Engineer Intern, Wellsburg, WV

- ♦ Helped with surveying the overall site
- ♦ Reviewed site drawings and added information to the existing designs
- ♦ Used Excel to compile given data and share with the rest of the team

Environmental Risk Information Services

July 2018 - August 2018

City Directory Organizer, Austin,Texas

- ♦ Organized City Directories
- ♦ Created decades of aerial mappings

ORGANIZATIONS

Steel Bridge Team,

August 2019 – Present

Co-Captain, Washington, DC

- ♦ Design and Create trusses in AutoCAD
- ♦ Test trusses using Staad Pro under different load cases
- ♦ Collaborated with teammate to build bridge
- ♦ Writing the construction process portion of the report

Alpha Omega Epsilon

January 2019 - Present

Member,, Washington, DC

- ♦ Participate in sorority weekly chapters
- ♦ Created an environment of diverse thinking among women.
- ♦ Vote a various meeting on things relating to the development of the sorority

National Society of Black Engineers

August 2018 - Present

Member, Washington, DC

- ♦ Participate in internship, networking, and career building among other black engineers
- ♦ Established an environment to foster both academic and professional growth
- ♦ Attending the National Conference

College Band

August 2018 –Present

Percussionist, Washington, DC

- ♦ Learn, rehearse, and put on performances throughout the year
- ♦ Supported a community of student musicians of all levels

