

Benjamin De Vierno

benjamindevierno@gmail.com

+1 202 855 6091

EDUCATION

George Washington University

Bachelor of Science; Computer Science

Class of 2018-2022

- Cumulative GPA: 3.56/4.0
- Relevant Coursework: Algorithms & Data Structures, Computer Architecture, Software Engineering, Advanced Networking and Distributed Systems

TECHNICAL SKILLS

- Languages: Java, HTML, CSS, C, Bash
- Languages (Familiar): JavaScript, YML, PHP, Python
- Software/Other: AWS, Linux/Unix Command line, Git, DPDK, GitHub Actions

WORK EXPERIENCE

Undergraduate Research Assistant

Washington DC

OpenNetVM

April 2020 – Present

- Contribute to the OpenNetVM project under Dr. Tim Wood to provide software-defined networking and network function virtualization with DPDK.
- Selected to be a fellow for the SEAS Undergraduate Program in Engineering Research for Summer 2020 as well as a partial recipient of an NSF grant.

TECHNICAL PROJECTS

OpenNetVM

- [Script](#) written in Python and Bash that performs continuous integration upon incoming pull request to the OpenNetVM platform. Only errors in modified lines by the users are returned back to the user. Implemented using GitHub Actions.
- Implemented virtual network functions in C to perform layer two and three packet forwarding.

LEADERSHIP

George Washington University

Association of Computing Machinery (ACM) ICPC Chairperson

School of Engineering and Applied Science (SEAS) Undergraduate Ambassador.

Singapore Police Force

Singapore

Special Operations Command

April 2016 – May 2018

- Served in the Singapore Police Force as part of national service requirement. Selected for Officer Cadet School and graduated with rank of Inspector.
- Awarded Best Trainee and Best in Professional Studies.
- Supervised the 'Ops Room' in charge of dispatch and security.