

# Bernard Tran

btran1@stevens.edu | [LinkedIn](#) | [GitHub](#)

**Objective:** To obtain a position in the field of Computer Engineering

**Education:** **Stevens Institute of Technology**, Hoboken, New Jersey  
Bachelor of Engineering in Computer Engineering, expected May 2021  
Master of Engineering in Computer Engineering, expected May 2022  
**GPA:** 3.8; **Honors:** Stevens Presidential Scholarship

**Course Work:** Engineering Design 1 - 8, Data Structures and Algorithms, Discrete Mathematics, Circuits and Systems, Microprocessor Systems, Intro into Image Processing and Coding, Digital System Design, Engineering Programming: Python, Engineering Programming: Java, Information Systems Engineering, Computer Organization and Programming, Applied Data Structures and Algorithms

**Technical Skills:** **Operating Systems:** Windows 7/8/10, Linux  
**Software:** SolidWorks 2014, Microsoft Visual Studio (Code), Adobe Captivate, Adobe InDesign, Wireshark **Microsoft Office:** Excel, Word, PowerPoint  
**Programming Languages:** C, C++, Java, Python, HTML, CSS, VHDL

**Work Experience:** **G3 Technologies Inc.**, New Providence, New Jersey 08/2019 – 12/2019  
Systems and Integration Engineer Co-op

- Cooperated with a team to successfully test multiple release builds for production software used to integrate networking servers with base stations in order to deploy cellular networks
- Integrated software used to control cellular base stations using networking applications such as Wireshark, Putty, WinSCP, and GenieACS
- Worked with cellular base stations from vendors including IPAccess, Vanu, Star Solutions, and Airspan, that utilize cellular technologies including GSM, UMTS, CDMA, and LTE

**Realty Operations Group**, New York, New York 01/2019 – 05/2019  
HR Information Systems Co-op

- Developed learning material in Adobe Captivate and Adobe InDesign to train employees in the use of the company Learning and Talent Management Systems
- Developed and hosted a website using WampServer to display and track training for employees
- Familiarized myself with ADP reporting and Excel manipulation of data for display and computation
- Used MySQL with PHP to track user information and compare against company ADP records to display interactive information based on user job titles

**Academic Projects:** **Stevens Institute of Technology**, Hoboken, NJ 06/2021 – Present  
Honors Research Program

- Utilized NDN-Lite library to develop a proposed forwarding protocol, Anchor, in

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