AARAV BALSU

Education

Northeastern University – M.S. Engineering Management *September 2017 – May 2019*
University of Illinois at Urbana-Champaign – BSc. Aerospace Engineering *August 2013 – May 2017*
American International School of Abu Dhabi – International Baccalaureate Program *September 2009 – May 2013*

Skills

Computer Programming
Bash, Python, Ruby, C++, MATLAB, Go

Computer & Information Security
A+, CCNA, OSCP (in progress)

CAD
Siemens NX 9.1, Creo, SolidWorks

Relevant Coursework
Aerospace Controls Systems
Orbital Mechanics, Optical Remote Sensing,
UAV Nav&Control, Operations Research, Project Management,
Lean Applications, Data Mining, Economic Decision Making,
Advanced Network Optimization

Professional Experience

SECURITY CONSULTANT – Bishop Fox – Tempe, AZ · *June 2019 – Present*

- Enhancing the security postures of a varied clientele by delivering quality testing services on their applications, networks, cloud deployments, and products.
- Developing internal tooling and documentation to continually improve the technical caliber of our consulting services team.
- Advised more than 60 technology vendors on their exposed security risks as part of a core team managing the Google Partner Security Assessment Program, which vets 3rd party applications against a set of rigorous security standards.

SECURITY CONSULTANT INTERN – Bishop Fox – Tempe, AZ · *September 2018 – December 2018*

- Managed responsibilities as a junior security consultant at a well-established information security consulting firm during their busiest quarter of the fiscal year.
- Collaborated closely with a senior consultant in an external and internal network security analysis of a well-known fintech company.
- Led a team of other consultants in reviewing web application security mechanisms for one of our clients.

STUDENT TECHNICIAN – ResNet Resource Center, Northeastern University – Boston, MA · *December 2017 – Present*

- Resolved technology issues for students and gained valuable operations and leadership experience with a small and agile technical support team.

Technical Experience

PROJECT ASSISTANT – University of Illinois - Champaign, IL · *May 2015 – September 2015*

- Assisted in the Lower Atmospheric Ionospheric Coupling Experiment (LAICE), a CubeSat project in collaboration with Virginia Tech.
- Gained valuable experience in understanding space based thermal simulation, signals processing, radio operation, and vacuum chamber optimization.
- Led the team in charge of creating the electrical connections between the various subsystems of the nanosatellite.

Extracurricular Experience

CTF ORGANIZER – CactusCon 2019 – Mesa, AZ · *December 2019*

- Organized a Capture The Flag (CTF) tournament for CactusConKids, which is an event that cultivates interest in information security for middle and high-schoolers.
- Assisted with general logistics for CactusCon, which is the largest annual hacker and security conference in Arizona

TEAM MEMBER – Engineering Ambassadors – Champaign, IL · *April 2014 – May 2017*

- Participated in STEM outreach to underrepresented demographics in Illinois middle and high schools.

LinkedIn: https://www.linkedin.com/in/aaravbalsu **Website:** aaravbal.su