

Warren Brodsky

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Objective

An exciting opportunity to leverage my top-notch biomedical and computer engineering skills and experience. My strong leadership, communication and interpersonal skills will make me a good fit on any team, large or small.

General Certifications & Skills

- Biomedical Numerical Modeling
- Biomedical Experimentation & Measurements
- Front End/ Back End Development
- Operating System Scripting
- U.S. Security Clearance - Secret
- Microsoft Certified Solutions Associate
- CompTIA Security+
- Certified Ethical Hacking
- Public Speaking
- Leadership
- Communication

Specific Skills

- Programming: Python, MATLAB, LabView, Simulink, JavaScript, HTML, CSS, Bash, Go, C++, VBA, Arduino
- Software: Excel, VSCode, Git, MongoDB, Jupyter Notebook, Access, Word, Powerpoint
- Operating Systems: Windows, MacOS, Linux (RedHat, CentOS, Ubuntu, Debian)

Experience

Cybersecurity Engineer, NIWC, U.S. Department of Navy

Jan 2017 – Present

- Lead software developer for cybersecurity automation toolset — saved \$35K per audit (\$200K annual)
- Information assurance lead (5-person team) for U.S. Coast Guard Offshore Patrol Cutter program
- Technical expert for U.S. Army National Guard — trained site personnel for Command Cyber Readiness Inspections, bringing 89% of sites from failing to passing score

Research Intern, Biomet, Inc.

July – August 2012

- Worked with the research and development team, collecting and analyzing clinical data, among other tasks.

Education

B.S., Rutgers University

May 2016

- Biomedical Engineering, Computer Engineering (Double Major)
- Honors Engineering Program

Technion Israel Institute of Technology

July 2015

- International Studies Program

Sample of Relevant Courses

- Bioelectric Systems
- Intro to Prosthetics
- Fundamentals of Neurobiology
- Biomaterials
- Cytomechanics
- Physiology
- Biomedical Transport Phenomena
- Biomedical Kinetics & Thermodynamics
- Biomedical Measurements & Analysis
- Biomedical Devices and Systems
- Numerical Modeling
- Software Engineering
- Programming Methodology I-II
- Linear Systems & Signals
- Linear Algebra
- Calculus I-IV
- Physics I-III
- Chemistry I-II
- Biology I-II

Projects & Achievements

- Eagle Scout, Boy Scout Merit Badge Counselor
- U.S. Department of Navy Liaison to Rutgers University Cybersecurity Program Advisory Board
- 90Percent – Confidence Interval Self Evaluation Game
- GAZER Bionic Eye
- AP Statistics & Probability: 5, AP Calculus AB: 5
- Math SAT: 800, Reading SAT: 700, Math II SAT II: 770, Physics SAT II: 770

Hobbies and Interests

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| • Skiing | • Rock Climbing | • Piano | • Chiptune |
| • Volleyball | • Hiking | • Ukulele | • Board Games |
| • Football | • Camping | • Bass Guitar | |

References

Can be provided upon request.