

Benjamin Birney

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Education

United States Naval Academy, Annapolis, Maryland, June 2016–September 2018

Candidate for B.S. in Computer Science and Information Technology, Major GPA: 4.0/Overall GPA 3.7

Activities: Company Midshipman Information Security Liaison Officer, Group Study Program Leader for Cyber Security and Computer Science Courses, Chess Team Member

Relevant Coursework: Web & Internet Programming, Advanced Web and Internet Programming, Theory of Computing, Computer Architecture, Systems Programming

Purdue University, West Lafayette, Indiana, August 2015–May 2016

Candidate for B.S. in Electrical Engineering

Awards: Dean's List, Academic Excellence Ribbon

Activities: Navy Reserve Officer Training Corps, Pi Kappa Alpha

Choate Rosemary Hall, Wallingford, Connecticut, August 2011–May 2015

Awards: 2011 J.J. Maher Award for Sportsmanship and Leadership, 2013 Coach's Award for Grit and Hustle, 2015 Russell Romeyn Ayres Award for Spirit and Hustle, Boston Globe All-New England Defensive Tackle, Dean's List

Activities: Varsity Football (Captain), Varsity Baseball, Varsity Wrestling, Newspaper Copy Editor, Magazine Editor-in-Chief, First Chair Clarinet in Wind Ensemble, Senior Advisor to Freshman

Experience

Independent Research mentored by Adam Aviv, Ph.D., U.S. Naval Academy, March 2018–Present

Using machine learning to find patterns that distinguish commuters from regular users in bike-share data. Extracting and identifying individual commuters to measure and analyze level of privacy provided. Goal is to aid companies with constructive criticism aimed to protect their users personally identifiable information.

United States Navy, Annapolis, MD, July 2016–September 2018

Midshipman

Trained for two years in leadership, seamanship, naval history, and weaponry in pursuit of commissioning a Naval Officer. Mentored and tutored younger midshipman for professional and academic performance. Traveled throughout continent to conduct hands-on and immersive training on surface and submarine platforms within US Naval Fleet.

Component Engineers Inc., Wallingford, CT, May 2015–August 2015

CNC Machine Operator

Operated three CNC machines responsible for drilling, cutting, and molding air compression tubes for various models of firearms. Performed preventative maintenance and repair to assure quality control standards.

Component Engineers Inc., Wallingford, CT, May 2014–August 2014

Maintenance

Managed shop floor conditions by restoring, cleaning, and constructing equipment. Responsible for working conditions of multiple warehouses, their shops and offices.

GROWERS Inc., New Haven, CT, May 2012–May 2014

Job Coach

Organized and led teams of developmentally disabled adults to execute landscaping jobs and maintain a green house. Mentored teams with emphasis on developing marketable job skills.

Skills

Programming Languages: C / C++, PHP, JavaScript, Java, Python, CSS, HTML5, MySQL, Bash

Technology: Git, Microsoft Office, CNC Machine Operation and Repair

Other: Active DoD Secret Security Clearance, Public Speaking, Leadership, Statistics, Chess