

Daniel C. Park

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Education

United States Military Academy <i>Bachelor's Degree</i> , B.S., Computer Science [Honors] GPA: 4.0 Class Rank*: 30/1150 CR in Major: 1/58 - <i>Dean's List</i> (3x) - <i>Distinguished Cadet Award</i> (2017-2018) - <i>Best Grade in Course</i> (3x)**	West Point, New York Expected May 2021
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*Class Rank considers components of West Point's three pillars: Academic, Military Leadership, and Physical.
** Cyber Foundations – Computing (**SQL, HTML/CSS/JavaScript**), Programming (**Python**), Advanced Probability / Statistics (**R**)

Projects

Portfolio Website, <i>HTML / CSS / JavaScript</i>	<ul style="list-style-type: none">- Web application using pure <i>JavaScript</i> utilizing Meteor platform to build site alongside <i>HTML / CSS</i>- Fully functional with enabled user login support, router integration, and increased security using methods on server-side script
Fireworks Simulator, <i>JavaScript</i>	<ul style="list-style-type: none">- Simulates fireworks on <i>HTML5 canvas</i> using integrated object orientation in <i>JavaScript</i>- Utilizes the JS client-side p5.js library
Sudoku Solver, <i>Java</i>	<ul style="list-style-type: none">- <i>Java</i> program that takes an inputted 9 x 9 Sudoku puzzle and returns the desired solution- Utilizes an algorithm based around recursive backtracking implementation
Meteor, <i>Python</i>	<ul style="list-style-type: none">- Developed game program where the player avoids crashing into incoming meteors- Features full object-orientation and an algorithm by which meteors spawn and maneuver

Activities and Societies

Member, <i>Cyber Policy Team</i>	<p><i>Policy team that competes against graduate, doctoral, professional, and law program students. Demands constant developing knowledge of legal, diplomatic, and military aspects of cyber-related scenarios.</i></p> <p>Most Recent Competition:</p> <ul style="list-style-type: none">- 3rd place, Cyber 9/12 Strategy Challenge 2019, University of Texas at Austin
Member, <i>Cyber Leadership Development Program</i>	<p><i>Selective USMA-led society initiated by the Army Cyber Institute (ACI) for Honors EECS cadets to broaden and develop their leadership skills and cyber proficiency.</i></p> <p>Requirements:</p> <ul style="list-style-type: none">- 800+ hours of cyber-related education, development and experience <i>outside</i> of the traditional classroom environment- Invitation from an EECS / ACI Mentor
Public Affairs Officer, <i>Student Conference on U.S. Affairs</i>	<p><i>An annual four-day conference hosted at West Point that focuses on issues in US foreign and domestic policy and in international affairs.</i></p> <p>My Contribution:</p> <ul style="list-style-type: none">- Coordinated delegate-USMA relations, information, and communications disseminated for over 200 delegates- 50+ hours of hands-on planning, coordination, and execution of conference

Pre-College Experience

Intern, <i>Jordan Design-Build Group</i> <i>Apr 2017 – May 2017</i>	<p><i>JD-BG is a team of experienced designers and project managers that specialize in residential renovations, remodeling, and full-scale home additions.</i></p> <p>My Contribution:</p> <ul style="list-style-type: none">- Assisted in and learned about the day-to-day of a small business LLC- Undertook a project to re-organize the color-scheme catalog / library utilized by the Director of Design
Volunteer, <i>IBC Mission Trip to Kigali, Rwanda</i> <i>Jul 2016 – Aug 2016</i>	<p><i>A mission trip coordinated by Immanuel Bible Church as part of its outreach, Men on a Mission. 2016's trip focused on supporting the community with much needed furniture and infrastructure support.</i></p> <p>My Experience:</p> <ul style="list-style-type: none">- Raised \$5,000 in order to participate in mission trip- Worked with Rwandan nationals to repair the community foot-bridge