Daniel Westphal

dwestphal71@gmail.com | 203 803 8023
0079 Hinman Box | Hanover, NH 03755

EDUCATION

DARTMOUTH COLLEGE
BA in Physics and Computer Science Modified with Human Centered Design
Expected June 2023 | Hanover, NH
GPA: 3.97
ACT: 36/36

LINKS

linkedIn.com/in/ **danielwestphal**
https://journeys.dartmouth.edu/danielewestphal23/

COURSEWORK

Undergraduate
Software Development (C) • Object Oriented Programming (Java) • Rendering Algorithms (C++) • Algorithms • Design Thinking • Social Entrepreneurship • System Dynamics in Policy Design • Intro to UI UX Design • Cognitive Psychology
Pre-College Coursework
Multivariable Calculus • Statistics • Linear Algebra • Differential Equations

SKILLS

HARD SKILLS
Java • Processing • Python • SQL • STATA • LaTeX • SharePoint • Microsoft Office • Google Suite
SOFT SKILLS
Spanish • Communication • Technical Writing • Presenting

CO-CIRRICULARS

Sexual Assault Peer Alliance (Outreach & Curriculum Chair)
Mental Health Union Peer Support Volunteer
Dartmouth Consulting Group (Engagement Manager)
Sigma Nu Fraternity (Academic Chair/Judicial Board Head)
Management & Leadership Development Program
Teaching Assistant (Statistics)

EXPERIENCE

AMAZON | Incoming Software Development Engineering Intern
June 2022 – August 2022 | Seattle, WA

TAMR INC | Software Engineering Intern
March 2021 – June 2021 | Cambridge, MA
- Created Python package to standardize alternate country names into their corresponding country codes with >99% accuracy
- Developed and deployed an enricher to standardize company names with >90% accuracy for integration with machine learning software; enricher is currently being sold to a major US bank
- Used PySpark to develop a spreadsheet of all British companies and their ultimate parent companies using 10+ GB of data

LOCKHEED MARTIN: SIKORSKY | IT Intern
July 2018 – August 2018 | Stratford, CT
- Updated and created company-wide websites currently used by all employees and restructured online filing system
- Transferred Sikorsky operating metric information from Sikorsky's previous owner to current owner using SharePoint

TOP HAT TUTORS | Vice President/Tutor
May 2017 – June 2019 | Fairfield County, CT
- Student-run tutoring business, generating ∼ $80,000 in gross annual revenue
- Co-led with President strategy, operations, human resources, marketing, finance, and technology, including recruitment and evaluation of 43 tutors, managing roster of 300+ clients, and new business development
- Directed major redesign of website and IT systems
- Efforts resulted in a $26,000 revenue increase due to expansion of services, marketing, and improved billings/collections

UNDERWATER ROBOTICS (M.A.T.E) |Team Curiodyssea: Founder
Sept. 2015 – June 2019 | Westport, CT
- Designed cost-effective remotely operated vehicles, according to RFP, to complete simulated real-life tasks underwater
- Served as Chief Marketing Officer, Chief Compliance Officer, Document Master (see www.tinyurl.com/danielrobotics19 for 2019 technical report), Propulsion Engineer, Pilot of "Curiodyssea"
- 6th in the world 2019; 8th in world 2018; 1st in New England 2017, 2018, 2019; 15 other team awards (∼800+ teams in competition); individual international award for Engineering Presentation Most Valuable Player 2019

RECOGNITIONS

Year	Amount	Recognition
2021		Phi Beta Kappa Sophomore Prize
2021	$2,000	James O. Freedman Presidential Scholar
2021	$20,000	Stamps Scholar
2019-21		Rufus Choate Scholar
2020	$3,000	Sophomore Research Scholar
2020	$4,000	Kaminsky Undergraduate Research Grant
2020	$250	Albert Dickerson 1930 Freshman Writing Prize