Nic

Nicholas Dailey	⊠ <u>nicholasdailey00@gmail.com</u>	2 +1 (309) 453-5465
	Education	
 University of Illinois Urbana-Champai B.S. Nuclear, Plasma, and Radiological I Concentration: Plasma and Fusion Science and En Minor: Physics Made the Dean's List (FA 2019, Inducted into Phi Eta Sigma Hore Inducted into National Society of Inducted into Alpha Nu Sigma N Recipient of the Patterson Famil Developed an app for CS125 that 	ign (Urbana, IL) • GPA: 3.87/4.0 Engineering and Applied Mathematics ngineering SP 2020, and SP 2021) nor Society f Collegiate Scholars ational Honor Society	Aug 2018 - Dec 2022
Canton High School (Canton, IL) High School Diploma Inducted into National Honor So Illinois State Scholar 		Aug 2014 - May 2018
University of Illinois at Urbana-Champ	Experience	Urbana, IL
 Calculated structural and dynam Lennard-Jones potential using L Submitted jobs to the campus cl 	namics of molecular fluid systems iical quantities for multi-particle fluids mo iquidLib uster using Slurm Workload Manager d OpenMP parallelization for computatior	
NetMath MATH 285/286 Mentor • Graded assignments for student • Mentored students about key co	s enrolled in Introductory Differential Equ urse concepts	Champaign, IL Oct 2019 - Jul 2020 Jations
 engineers and machine operator Used CAM within Fusion 360 to Assisted in setup and ran a HAA Utilized depth gauges, port gauge Assisted in the new product intro executive, business, engineering 	f numerous parts to be used in the manu rs create CNC machining programs for var S CNC Lathe and a CNC Mori Seiki Hor ges, thread gauges, calipers, and low tole oduction process by organizing, verifying	ious lathe and mill parts izontal Mill erance dial micrometers , and signing off on
Peoria Production Shop Picker / Packer • Responsible for picking material • Required accuracy and ability to	to different shipping locations follow procedures and work independer	Peoria, IL May 2017 - Aug 2017 & Jun 2019 - Aug 2019 tly without direction

Made zero errors •

Canton High School Science Olympiad

- Placed 2nd at state in the Optics event in 2017 •
- •
- Placed 5th at state in Game On programming event in 2015 Received multiple first-place finishes at the regional level in various events •

Skills

Sep 2014 - Apr 2018

Fusion 360	Wolfram Mathematica	G-Suite	LAMMPS	Python	Java	LaTeX	Spanish
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