

Jonas Nangle Oppenheim

CONTACT	Cambridge, MA	oppenheim10@gmail.com https://github.com/oppenheimj
EDUCATION	<i>Master of Science in Engineering in Data Science</i> University of Pennsylvania	May 2022 Philadelphia, PA
	<i>Bachelor of Science in Computer Science, Cum Laude</i> University of Vermont	May 2018 Burlington, VT
SELECT COURSES	Machine Learning; Deep Learning; Learning in Robotics; Data Science I; Big Data Analytics; Statistics for Data Science; Applied Probability Models; Comput'l Linguistics; Comput'l Photography; Interactive Comp Graphics; GPU Programming; Algorithm Design & Analysis; Numerical Analysis	
PROJECTS	<i>Openplanet</i> - https://www.openplanet.com Multiplayer virtual art gallery for sharing my photography. Graphics and physics are handled using three.js and rapier.rs, respectively. The client and server run parallel physics simulations. The backend consists of a constellation of Docker containers.	August 2021
TECHNICAL	C++, Rust [<i>Tokio</i> , <i>Rapier</i>], Python [<i>NumPy</i> , <i>Pandas</i> , <i>PyTorch</i> , <i>scikit-learn</i>], Javascript [<i>Node</i> , <i>WebGL</i> , <i>three.js</i>], CUDA, WebGPU, Docker, Redis	
EMPLOYMENT	<i>Software Engineer III</i> Google	October 2024 - present Cambridge, MA
	<i>Software Engineer II</i> Google	June 2022 - October 2024 Cambridge, MA
	<i>Software Dev Engineer I Intern</i> Amazon Web Services	June - August 2021 Philadelphia, PA (remote)
	<i>Software Developer</i> IBM	Aug 2018 - June 2020 Research Triangle Park, NC
	<i>Software Engineer Intern</i> NextCapital	Jan - May 2018 Burlington, VT
	<i>Java Programmer Intern</i> Cox Automotive (Dealer.com)	May - Aug 2017 Burlington, VT
	<i>Economics Research Assistant</i> University of Vermont	Mar 2015 - May 2017 Burlington, VT
	<i>Economics Teaching Assistant</i> University of Vermont	Jan - May 2016 Burlington, VT
	<i>Apprentice Mechanic</i> Jonny's Volvo	Jan - Dec 2011 Pownal, ME