

## Joseph Monaco

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Github: MonacoJoseph

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<b>EDUCATION</b>	<b>University of Pittsburgh</b> , Pittsburgh, PA <i>Bachelor of Science</i> , Computer Science, April 2020 GPA: 3.91
<b>COURSES</b>	Intermediate Programming with Java, Discrete Mathematics, Data Structures, Computer Organization & Assembly, Algorithms, Systems Software, Parallel Programming, Operating Systems, Computer Vision, Calculus 1 & 2, Linear Algebra, Applied Statistics, Databases, Cloud Computing, Networking, Cryptography.
<b>TECHNICAL SKILLS</b>	<b>Languages:</b> C++, C, Java, Python, Perl, Bash <b>Technologies:</b> Git, PostgreSQL, SQLite, GDB
<b>EXPERIENCE</b>	<div><div><b>Software Engineer</b> May 2020 - Present</div><div>NetApp Pittsburgh, PA</div><ul style="list-style-type: none"><li>• Maintained a Replicated Database Library used for replication of data across a distributed system.</li><li>• Analyzed kernel and userspace corefiles for debugging.</li></ul></div> <div><div><b>Software Engineering Intern</b> May 2019 - August 2019</div><div>NetApp Pittsburgh, PA</div><ul style="list-style-type: none"><li>• Created a build time tool used by 4 teams to enforce consistency guidelines in NetApp's REST APIs. The tool is also used to make sure the REST API documentation is consumable by downstream tools such as swagger-ui and swagger-codegen.</li><li>• Built and maintained a command line interface both for easier development and for teams that did not wish to integrate with the build process.</li><li>• Created a diff script to help see differences between releases in NetApp's REST APIs.</li><li>• Attended daily stand ups, gave weekly demos to managers, and helped create stories for the project.</li></ul></div> <div><div><b>Undergraduate Teaching Assistant, Data Structures/Systems Software</b> Aug 2017 - April 2020</div><div>Department of Computer Science, University of Pittsburgh Pittsburgh, PA</div><ul style="list-style-type: none"><li>• Led recitations ranging from 15 to 30 students.</li><li>• Created worksheets for midterm and final review.</li><li>• Hosted office hours to help with 4 to 5 assignments per semester.</li></ul></div>
<b>ACTIVITIES</b>	<div><div><b>VP of Finance</b> Autism Speaks Geek Frisbee Phi Eta Sigma Honor Society <b>Treasurer</b> Resident Student Association</div><div>Aug 2017 - Present June 2018 - Present January 2017 - April 2018 Aug 2016 - April 2017</div></div>
<b>AWARDS</b>	Undergraduate Teaching Fellowship    Jan 2019 - April 2019