

JOSEPH PACITTO

SOFTWARE ENGINEER

(339) 223-4534
josephpacitto@gmail.com
github.com/jpacitto

EXPERIENCE

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| Software Engineer | Stratus Technologies | June 2019 – Present |
| <ul style="list-style-type: none">Developed features for the ztC Edge product line across the full stack with Java and Node.js (ExtJS & Dust.js).Added support for UEFI virtual machines, advanced storage formatting, VMWare appliance importing and more.Reworked UI network visualizer to have an abstraction layer to simplify product expansion and OEM support.Constructed a Jenkins pipeline with python automated tests that reduced continuous integration time by 90%.Worked closely with the SCRUM Master in refining the development process to better reach team's goals. | | |
| IT Systems Engineer, Intern | Mavenir Systems | June 2018 – Sept 2018 |
| <ul style="list-style-type: none">Created python scripts to automate ticket reporting and server repair processes across cloud servers.Utilized server health monitoring software to target server errors and solve customer issues remotely.Communicate with onsite technicians to assist with diagnostic checks and troubleshoot database corruption. | | |
| Front-End Developer, Intern | NELDC | March 2017 – Aug 2017 |
| <ul style="list-style-type: none">Lead a small team effort to develop a brand-new website with a modern UI with back-end functionality.Built an online test to help diagnose children with learning disabilities using HTML, CSS, and jQuery.Assembled a form to assist guardians in scheduling in-person and online appointments for their children. | | |

EDUCATION

University of Massachusetts Dartmouth	May 2019
B.S Computer Science	Major GPA 3.5

PERSONAL PROJECTS

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| Switch Clique | React, Express, MySQL |
| <ul style="list-style-type: none">A forum designed for long term post tracking, made for the custom keyboard community.Features include user authentication, post creation & management, commenting, bookmarking, and more.Integrated back-end with Digital Ocean Spaces for authorized object storage and content delivery. | |
| RE Shoe (senior project) | Java, Python |
| <ul style="list-style-type: none">An Android application for gathering client measurements to build custom shoes.Utilized computer vision to create a stitched mesh object from image series unique to the user.Designed an API with gRPC to enable communication between the UI and back-end server hosted on GCP. | |
| Hitstun | Java, Python, PostgreSQL |
| <ul style="list-style-type: none">A mobile application created to track player and tournament statistics for Super Smash Bros eSports.Data was gathered from the Smash.GG API, filtered, and stored in Firebase Cloud Firestore.Created a system for retrieving real-time tournament data during live events. | |

SKILLS

Languages: JavaScript, Java , Python, Node.js , C, C++, HTML, CSS, SQL, XML, JSON

Frameworks: React, Redux, Spring, Vue, ExtJS, Dust.js, Passport.js Express, Android SDK, gRPC

Tools: Jira, Git, Jenkins, MongoDB, MySQL, PostgreSQL, Redis, Nginx, Adobe XD

Cloud Platforms: Digital Ocean, Google Cloud Platform, Firebase