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**OBJECTIVE**

Seeking full time as software engineer for January 2021

**EDUCATION**

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| --- | --- | --- |
| **Rochester Institute of Technology** | Bachelor of Science, Computer Science | Graduating Dec 2020 |
|  | Immersion: Communication  Dean’s List for 2020 Spring |  |

**EXPERIENCE**

**Allied Associates International** –*Software Engineer Intern;* Gainesville, VA June 2020 – August 2020

*A contracting firm that works with the federal government*

**Stack:** C#, wireshark, git, visual studio, HxD editor, Jira

* Analyzed network traffic for security vulnerabilities
* Analyzed media encoding patterns

**Gartner** –*Software Engineer Intern;* Austin, TX June 2019 – Dec 2019

*Worked with a team under the Software Advice brand*

**Stack:** php7, python3, MySQL, JavaScript, HTML, Docker, Jenkins, git, Jira

* Added features and refactored code on a web app used by company sales and administration.
* Added regression and unit testing

**Vision Intelligence** – *Founder of Startup*; Rochester, NY May 2018 - May 2019

*The startup reduces paperwork for physical therapists by recording client’s actions and generating documents*

**Stack:** python3, pytorch, Docker, C++, Ubuntu, OpenPose

* Interviewed 200+ physical therapists to gather information on their business needs
* Researched models for body pose estimation and datasets for training

**PROJECTS**

**RITMural: BrickHack 4** – *four-member team, 24-hour challenge* Jan 2018

*An interactive web app for RIT students to draw with each other in real time*

**Stack:** JavaScript, node.js, mongoDB, HTML canvas, Heroku

* Achieved an average of 100 daily visits during the first week after deployment
* Responsible for deployment and development of the website and database

**<3 Shoe: BrickHack 3** – *two-member team, 24-hour challenge* Feb 2017

*Analyzes user’s conversation and predict if the user is a shoe enthusiast*

**Stack:** Java, IBM Watson API

* Winner of Best Use of Watson IoT Platform
* Responsible for API integration with java app

**HealthNet: Class** – *four-member team, semester project* Jan - May 2017

*Patient management software for hospitals*

**Stack:** [python3, MySQL, Django, bootstrap]

* Features include admin system, messaging system, responsive calendar based on permission
* All roles of software development were rotated during the semester

**ADDITIONAL INFORMATION**

**Other Programming Language:** C, JavaCC, mips, scheme, haskell

**Other Tools & Frameworks:** GitHub Actions, postman, Linux commands

**Natural Language:** English, Korean

**Classes Taking:** Operating Systems, Principles of Data Mining, Data Communication & Networks, Information Retrieval