

# Adam Seevers

Plant City, Florida

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## WORK EXPERIENCE

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### Associate Software Developer

12/2017 - Present

*Summit Holdings*

- Perform technical analysis to determine feasibility of business program change request and then design, code, test, debug, and document solution.
- Research problems discovered in programs, perform technical analysis through debugging, and then develop solutions to found problems.
- Assist in the formulation and definition of system scope and objectives through research and fact-finding to develop or modify complex information systems.
- Assist in preparing detailed design specifications from which programs will be written.
- Contribute to the development of project plans and timelines.

### Intern

07/2016 – 12/2017

*Summit Holdings*

- Created a visual basic program that allows users to search and connect to network printers by location and also allows the IT team to retrieve details about the printer for further troubleshooting, this initiative reduced total ticket volume for network printers by 30% YTD.
- Wrote Bash and PowerShell scripts to automate repetitive troubleshooting procedures and processes.
- Researched website UI / UX problems and discovered that the current web framework was causing compatibility issues with text box validation. Also unveiled issues related to how password hash values were being validated and stored in the database.

## EDUCATION

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### Bachelor of Science in Computer Science

December 2017

Florida Polytechnic University – Lakeland, Florida

GPA: 3.4

## PROJECTS

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### Cryptocurrency Android Application

*Android Studio, GitHub, GraphView dependency*

- Built an Android application that uses the crypto compare API to collect data of multiple cryptocurrencies and display relevant information to the user through the GUI.
- Created a service that retrieves a JSONArray of historical price data based on user input for the currency and number of days back. Then this data is passed through the GraphView dependency which displays the data in a visually appealing way.
- Currently developing datamining methods that will attempt to detect trading trends based on historic data and attempt to identify top news stories and their effects on the cryptocurrency market prices.

### Curtiss-Wright: SEER Database Analysis Project

*MySQL, Bash, Python*

- Created and used a MySQL database on the Florida Polytechnic Supercomputer to discover data relationships among millions of different data records.
- Developed python and bash scripts to analyze hundreds of XML files and then generate an SQL import statement based on the file and the data fields it contained.
- Tested MySQL queries to reduce time complexities of search algorithms, also perform data mining techniques to find relationships in the data and to analyze the data for redundancy.

### Hadoop Raspberry-Pi Anywhere Cluster

*Apache Hadoop, Batman-ADV, Linux*

- Built a raspberry Pi cluster operating with the base Hadoop 2.0 stack (MapReduce, YARN and HDFS) in order to provide a highly mobile cluster of computational power that can be deployed in remote locations.
- Utilized the batman-ADV networking protocol to monitor node network activity while also routing distributed jobs through the cluster, based on node proximity. This also allows for nodes to join and drop from the cluster based on proximity.

## TECHNICAL SKILLS

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### Programming Languages:

Most Experienced with: RPGLE, Java, SQL

Some Experience with: PHP, Node.js, Python, C++

Technologies: DB2, MySQL, GitHub, Virtual Box, Android SDK, Visual Studio, Linux