**David DiBenedetto**

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[NJweb.Solutions](https://njweb.solutions/) | [github.com/dibend](https://github.com/dibend)

**Experience**

BlastMining.net | **Founder / Cryptocurrency Mining Specialist** | New Providence, NJ | 2021-Present

* Manage and operate a cryptocurrency mining company utilizing Bitmain and iPollo ASICs, gaming desktops, and an 8 GPU HiveOS server
* Developed and maintain [BlastMining.net](https://BlastMining.net/), a custom website that integrates with mining pool APIs for real-time data and statistics
* Handle maintenance and updates of hardware and software, ensuring optimal mining efficiency
* Oversee market trends and adjust mining strategies accordingly for maximum profitability
* Implement security measures to protect digital assets and maintain systems uptime

**Berkshire Hathaway HomeServices** **NJ Properties** | **Realtor** | New Providence, NJ | April 2017-Present

* Assist a top NJ Realtor and Broker of New Providence’s Berkshire Hathaway office with transactions
* Develop marketing materials, landing pages, and digital marketing campaigns

**Blast Notifications LLC** | **Founder / Software Engineer** | New Providence, NJ | April 2017-Present

* Developed and maintain [BlastNotifications.com](https://blastnotifications.com/) Node.js web application with MySQL database
* Developed Bash scripts to load websites, detect new content, and email links to subscribers

**TradeIt, Inc** | **Software Development Intern**, New York, NY | June 2016-August 2016

* Developed Alexa Skill in coordination with Amazon UX expert

- Used Java 8 and an AWS Lambda function for the skill’s backend and interacted with a variety of market data APIs

- Used AWS S3 to store users’ watch lists, last date of access, and upcoming market events

* Developed and documented JSON market data API
* Updated execution management system with trade tracking endpoints that access database
* Developed Python wrapper for TradeIt’s JSON API
* Updated TradeIt API docs with Ruby, Python, and Perl code examples

**DSSD / EMC | Software Quality Assurance Intern |** Hopkinton, MA **|** May 2015-September 2015

* Developed C and Shell programs to test DSSD’s C API and Shell CLI
* Developed CLI script to run on flash arrays to monitor hardware real time
* Put in product enhancement requests that were approved
* System admin for multiple CentOS/RHEL/SUSE servers and D5 flash arrays
* Installed and configured servers and flash arrays

**Therap Services | Software Development Intern** | Remote | June 2012-September 2012

* Developed Perl program to analyze security threats in the Therap Services environment by printing counts of denied requests from one IP address to another on Cisco router.

**Technical Skills**

* Python, Javascript, Java, Shell, C, C++, Perl, jQuery, Node.js, HTML, CSS, Bootstrap, SQL Server, MySQL
* Amazon Web Services, Git, Alexa Skills, Docker
* Linux, OS X, & Windows Systems Administration

**Education**

**Raritan Valley Community College** – Information Systems & Technology Major – Currently Enrolled 3.647 GPA

**Ramapo College of New Jersey** | Computer Science Major | 3 semesters completed

New Providence High School | AP Computer Science 5/5 | Class of 2013

National Commended Merit Scholar

**Certificates**

[Linux for Developers - Linux Foundation](https://www.coursera.org/account/accomplishments/certificate/YARTWTEHFU3B)  
[Palo Alto Networks Academy Cybersecurity Foundation](https://www.coursera.org/account/accomplishments/certificate/7LMCU36DENKM)  
[IT Security: Defense against the digital dark arts - Google](https://www.coursera.org/account/accomplishments/certificate/GMA3DZ44ZB2B)  
[AWS Fundamentals: Going Cloud-Native - Amazon Web Services](https://www.coursera.org/account/accomplishments/certificate/FFUT6SSDGSPH)  
[CS198.1x: Bitcoin and Cryptocurrencies - UC Berkeley](https://courses.edx.org/certificates/5d8db41035b54efdbf19145d6ac6c23c)  
[Introduction to OpenCL on FPGA - Intel](https://www.coursera.org/account/accomplishments/certificate/H33ZHEPFTTZS)  
[Data Analysis with R Programming - Google](https://www.coursera.org/account/accomplishments/certificate/4QGLG7CZE77L)  
[AWS Cloud Technical Essentials - Amazon Web Services](https://www.coursera.org/account/accomplishments/certificate/848YWPETM3YP)  
[Advanced Linux: The Linux Kernel - LinkedIn](https://www.linkedin.com/learning/certificates/590926198e71be7de528b68de165abeedccecfc9e74fb306cbff996799ba1411)  
[Advanced Node.js - LinkedIn](https://www.linkedin.com/learning/certificates/04904431beac04fa92deed96f23bee2070babc73ccb86dd412b40c5c978bd50e)  
[Advanced Python - LinkedIn](https://www.linkedin.com/learning/certificates/7908ef7b7e00c9ec582f0dc7c9125572978b8dd4e4ba05b1b7ec419f01877b11)  
[Learning Python - LinkedIn](https://www.linkedin.com/learning/certificates/97d41db7dcc1d1453664cd06f5c2d0e55ddbf4f3fff129052984c4aa8269d26b)  
[DevOps on AWS Specialization - Amazon Web Services](https://www.coursera.org/account/accomplishments/specialization/certificate/UQYLYTDQ29RD)  
[Foundations: Data, Data, Everywhere - Google](https://www.coursera.org/account/accomplishments/certificate/T2CQWQNPYLQ2)

**Relevant College Courses**

* Data Structures (C++) – Ramapo College – B
* Systems Analysis & Design – Raritan Valley Community College – A
* Networking – Raritan Valley Community College – A
* Python – Raritan Valley Community College – A
* Database Development & Design (SQL Server) – Raritan Valley Community College – A
* Computer Concepts and Programming (Java) – Raritan Valley Community College – A
* Web Page Development I – Raritan Valley Community College – A
* Web Page Development II – Raritan Valley Community College – A
* JavaScript – Raritan Valley Community College – A
* Perspectives of Business & Society – Ramapo College – B

