

# David DiBenedetto

908-577-6850 | 208 Woodbine Circle, New Providence, NJ 07974 | [David@NJweb.Solutions](mailto:David@NJweb.Solutions)  
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

**Tradelt, 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  
Dean's List

**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](#)  
[Palo Alto Networks Academy Cybersecurity Foundation](#)  
[IT Security: Defense against the digital dark arts - Google](#)  
[AWS Fundamentals: Going Cloud-Native - Amazon Web Services](#)  
[CS198.1x: Bitcoin and Cryptocurrencies - UC Berkeley](#)  
[Introduction to OpenCL on FPGA - Intel](#)  
[Data Analysis with R Programming - Google](#)  
[AWS Cloud Technical Essentials - Amazon Web Services](#)  
[Advanced Linux: The Linux Kernel - LinkedIn](#)  
[Advanced Node.js - LinkedIn](#)  
[Advanced Python - LinkedIn](#)  
[Learning Python - LinkedIn](#)  
[DevOps on AWS Specialization - Amazon Web Services](#)  
[Foundations: Data, Data, Everywhere - Google](#)

## 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

