DAVID DIBENEDETTO

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PROFESSIONAL SUMMARY

A versatile software engineer with a strong background in cryptocurrency mining, web development, and real estate. Proven expertise in developing and maintaining web applications, managing cryptocurrency mining operations, and assisting in real estate transactions. Adept at leveraging technical skills to drive business growth and efficiency.

EXPERIENCE

BlastMining.net, New Providence, NJ

- *Founder / Cryptocurrency Mining Specialist (2021-Present)*
    - Manage and operate a cryptocurrency mining company utilizing Bitmain and iPollo ASICs, gaming desktops, and an 8 GPU HiveOS server.
    - Developed BlastMining.net, a custom website with real-time data integration from mining pool APIs.
    - Handle maintenance and updates of hardware and software for optimal mining efficiency.
    - Monitor market trends and adjust mining strategies for maximum profitability.
    - Implement security measures to protect digital assets.

Berkshire Hathaway HomeServices NJ Properties, New Providence, NJ

- *Realtor (April 2017-Present)*
    - Assist a top NJ Realtor with transactions.
    - Develop marketing materials, landing pages, and digital marketing campaigns.

Blast Notifications LLC, New Providence, NJ

- *Founder / Software Engineer (April 2017-Present)*
    - Developed and maintain BlastNotifications.com, a Node.js web application with MySQL.
    - Developed scripts to detect new content on websites and notify subscribers.

TradeIt, Inc, New York, NY

- *Software Development Intern (June 2016-August 2016)*
    - Developed an Alexa Skill in coordination with Amazon UX experts.
    - Developed and documented a JSON market data API.
    - Updated execution management system and developed Python wrapper for TradeIt's API.

DSSD / EMC, Hopkinton, MA

- *Software Quality Assurance Intern (May 2015-September 2015)*
    - Developed programs to test DSSD's API and CLI.
    - System administration for multiple servers and flash arrays.

Therap Services, Remote

- *Software Development Intern (June 2012-September 2012)*
    - Developed a Perl program to analyze security threats in the Therap Services environment.

TECHNICAL SKILLS

- **Programming Languages**: Python, Javascript, Java, Shell, C, C++, Perl
- **Web Development**: jQuery, Node.js, HTML, CSS, Bootstrap
- **Databases**: SQL Server, MySQL
- **Tools & Platforms**: AWS, Git, Alexa Skills, Docker
- **Systems Administration**: Linux, OS X, Windows

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 Foundation: Linux for Developers
- Palo Alto Networks Academy: Cybersecurity Foundation
- Google: IT Security, Data Analysis with R Programming
- Amazon Web Services: AWS Fundamentals, DevOps on AWS
- UC Berkeley: Bitcoin and Cryptocurrencies
- Intel: Introduction to OpenCL on FPGA
- LinkedIn: Advanced Linux, Advanced Node.js, Advanced Python

RELEVANT COLLEGE COURSES

- Data Structures (C++), Systems Analysis & Design, Networking, Python, Database Development & Design, Computer Concepts and Programming, Web Page Development I & II, JavaScript, Perspectives of Business & Society.