



Kenneth R. Diedrich

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Accomplished full-stack developer with 5+ years professional experience. Experience managing team members and clients. Seeking a position in natural language processing and artificial intelligence.

Education

Old Dominion University, Norfolk, VA

Master of Science, Computer Science

December 2020

GPA: 3.88

Bachelor of Science, Computer Science

May 2019

GPA: 3.68 (Dean's List: Fall 2016, Fall 2017 – graduation)

Relevant Courses:

Practical Machine Learning
Data Mining
Data Science with Python
Algorithms and Data Structures

Data Visualization
Intro to Artificial Intelligence
Intro to Information Retrieval (Audit)

Professional Experience

Torrential Data Solutions, Inc., Virginia Beach, VA

Software Engineering Intern

June 2017 – present

- Implementing a variety of features and bug fixes to the Microsoft Dynamics document management system plug-in
- Developing web-based analogue to thick-client plug-in for integration with Microsoft Dynamics 365

Dash Analytics LLC, Norfolk, VA

Co-founder, Chief Technology Officer

October 2016 – January 2018

- Devised commercial queue time estimation technology with data analytics dashboard
- Supervised and coordinated efforts of the technical division
- Performed customer requirement analysis and managed client relations and expectations
- Promoted product through presentations and demonstrations

Space Monkeys Down LLC, Virginia Beach, VA

Co-owner, Game Designer, Programmer

June 2013 – January 2015

- Developed, iterated, and play-tested game mechanics and cards for a planned retail product release
- Constructed video game tech demonstrations and proofs-of-concept
- Managed company knowledge database, updated company website, authored press releases

Professional Development

- Planned, designed, and programmed projects over a broad spectrum of professional interests, including natural language processing, artificial intelligence, machine learning, and video game entertainment
- Presenter, speaker, and performer for audiences up to 800 members
- Attended National Congress of Future Science and Technology Leaders conference (2015)

Certifications

Microsoft Technical Association Software Development Fundamentals (C#) Certification

NOCTI Computer Programming Certification

Microsoft Access Specialist

Honors and Awards

Future Business Leaders of America National Competition, Game/Simulation Programming, 10th Place (2016)

Virginia High School Forensics League State Competition, Humorous Interpretation, Third Place (2016)

Great Computer Challenge, Scientific and Non-Business Programming, First Place (2016 and 2015)

Future Business Leaders of America State Competition, Public Speaking II, Fourth Place (2015)