

DENNIS MARCHUK

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Professional Profile

Computer Science Major seeks an internship in programming, database management or information technology. Wants to experience how strong foundation in theory and hands-on exercise relates to practical application in a business setting.

Education

BS in Computer Science, Information Systems Minor, May 2018 Bridgewater College, Bridgewater, VA

Areas of Study

Computer Architecture ▪ Programming Paradigms ▪ Database Management ▪ Scripting Languages ▪ Math Structures ▪ Software Engineering ▪ Intermediate Programming ▪ Data Communications ▪ Mobile App Development ▪ Operating Systems ▪ Operating Systems ▪ Algorithm Analysis ▪ Artificial Intelligence ▪ Data Structures ▪ Coding Languages: Java, JavaScript, React, C. SQL, HTML, CSS, XML, and Python

Game Development: Team-based semester-long project to develop a basic adventure game that used a graphical user interface in Java. Divided game into phases and used GitHub to sync team code assignments. Developed a mapmaker companion piece stored in a database for access.

Software Development: Worked on a team developing a website using the React framework of JavaScript. The website is used in various countries around the world where people cannot read. It was designed to be deployed cheaply on a raspberry pi server.

Troubleshooting and Maintenance: Perform maintenance and troubleshoot problems for a small company including regular software used for tracking finances, and security camera system set up. Update and install new software.

Related History

Automotive Diagnostic Specialist and Computer System Maintenance

VA Auto Sales, Harrisonburg, VA ▪ Jul 2013-present

Ensure that systems are up and computers are working. Ensure printers and software are functional. Check that database is storing business data and tax data. Maintaining security camera computer system. Diagnose computer issues in cars and collaborate with mechanic to diagnose and fix vehicles.

Software Developer Intern

Wycliffe Organizations, Orlando, FL ▪ Jun-Aug 2017

Worked on a team of twelve people designing and implementing website to work for people who cannot read. Developed projects using scrum methodology that increased productivity as a group. Quickly learned javascript and the react framework to start working on the project.

Small Business Owner

Dino Parts, Harrisonburg, VA ▪ May 2016–present

Started small online business selling car parts. Developed website, manage employee who processes shipments. Engage in leadership and self-motivation. Able to support college expenses.

Points of Interest

- Fluent in Russian and Ukrainian
- Graduate of Turner Ashby High School, Bridgewater, VA. June 2014
- Went on a mission trip to Nicaraguan jungles and worked with locals to help the needy, Summer 2015