

Andrew Rotert

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🌐 cs-developer.info

Education

Dakota State University, Madison SD August 2017 to present

- Beacom College of Computer and Cyber Sciences
- Major: **Computer Science** Expected Graduation May 2021
- Major: **Applied Mathematics**
- **G.P.A: 3.925**

Related Coursework

- Object Oriented Design, Data Structures, Software Engineering, Algorithms and Optimization, Database Management Systems, Operating Systems, and Parallel Computing
- Info Security Fundamentals, Assembly, and Networking I
- Calculus I, Calculus II, Introduction to Statistics, Discrete Mathematics, Signals and Systems, and Linear Algebra

Work Experience

Great West Casualty June 2020 to present

- Position: **Software Developer Intern**
- Responsibilities:
 - Used problem solving to complete over 30 stories and defects.
 - Learned skills working as a team in an Agile environment.
 - Prevented bugs from going into production through system testing.
 - Participation in code reviews.
 - Gained fluency in object-oriented programming with Java.

Austads Golf December 2013 to May 2020

- Position: Retail Sales Associate

Projects

Apple Developer Program

- Published six iOS apps used by over 3,000 people.
 - Learned Xamarin.iOS and Native iOS frameworks.
 - Used object-oriented design, data structures, and parallelization.

Programming Competitions

- Competed in multiple programming competitions
 - ACM Regional, DSU Local, Google Hashcode and CodeJam, MCIS.
 - Worked efficiently on a team to solve programming problems.

Web Development

- Product Backlog Developer
 - Full stack web app built using React and Google Firebase.
 - Applied critical thinking skills to overcome many challenges.

Involvements and Memberships

- General Beadle Honors program at DSU
- DSU Programming Club
- PBL Business Club

Skills

Languages:

C# (Advanced)
C / C++ (Advanced)
JavaScript (Advanced)
CSS 3 (Intermediate)
HTML 5 (Advanced)
Swift (Intermediate)
Python (Intermediate)
Java (Advanced)

Technologies:

React (Intermediate)
Node.JS (Intermediate)
Xamarin (Advanced)
Firebase (Intermediate)
jQuery (Familiar)
MySQL (Intermediate)
SQL (Intermediate)

Graphics:

Photoshop (Intermediate)

Tools:

Visual Studio 2019 for Mac
Visual Studio for Windows
XCode
Command Line
Eclipse

Version Control:

Git / GitHub

Other:

Agile Development
Object Oriented Design
Database Design

Links

iOS App Store Profile:

apps.apple.com/us/developer/andrew-rotert/id1448329272

Projects:

projects.cs-developer.info
ProductBacklog.dev