Shane W. Ondriezek

ondriezek.shane@gmail.com
LinkedIn
GitHub

12905 Centre Park Circle Apt. 402
Herndon, VA 20171
(912) 659-8584

EDUCATION

Georgia Southern University, Savannah, GA
B.S. in Computer Science, December 2018
GPA:3.50

TECHNICAL SKILLS

- Programming Languages: most effective in Java, familiar with C++, have also utilized HTML, JavaScript, Python, SQL, C#
- Industry Applications: XCode, Android Studio, relational database design using SQL Server, Git, AutoCAD and SolidWorks
- Industry Standards: familiar with Waterfall and Agile development life-cycles, MVC framework, Object Oriented Design patterns, UML, Big O, Data Structures, Algorithms, Unix/Linux

PROJECTS

- Seezee top 300 drug study aide: memorization tool to help pharmaceutical students learn the 300 most common drugs (available in the Google Play Store); developed with Android Studio and Java
- Daily Five Group Assigner: for elementary teachers that use the Daily Five curriculum in their classrooms, this application randomly assigns students to a particular activity group for each day, such that a student does every activity without repeating (under development; code on GitHub); developed with Java, utilizes the MVC framework
- Object-Oriented Design: studied several of the most common OOP design patterns in depth, and implemented several of them for small projects
- Relational Database for Academic Journals: manually created a database going through normal forms 1-4 (including BCNF) from a set of academic journals; implemented using SQL and SQL Server
- Geography Quiz: a small quiz program for demonstration to a client; developed with Java
- Infix to Postfix Calculator: calculator to convert an infix expression (e.g. A+B*C) to a postfix expression (e.g. ABC*+) and to calculate the solution; developed in Java
- Using ECG Data to Create a Security Key: created a unique key based off of real ECG data; implemented in Java and utilized a modified version of the DES encryption algorithm

ACHIEVEMENTS

- Winner of both the Karla Alwan and the Jesse Shearouse merit-based scholarships
- Selected to present design at Student Scholars Symposium and TechFest
- Eagle Scout