

Darien Sokolov

darien.sokolov@gmail.com — (281) 773-9423

<https://xt3rm1n8r.github.io>

EDUCATION

Texas Tech University

*Bachelor of Science in
Computer Science*

Lubbock, TX

Graduation: May 2019

GPA: 3.5

- Data Structures, Algorithms, OOP
- Advanced Mathematics
- Databases
- Virtual Reality
- Data Visualization
- Software Project Management

EXPERIENCE

Project Ironfist

Programmer – C, C++, Lua

Remote Work

October 2016 – Present

- Reverse engineered, optimized, and ported old C decompilations to C++
- Updated parts of the codebase for scalability with new content
- Debugged and optimized old and new features for readability and maintainability
- Expanded Lua scripting system for use by future developers and modders
- Reported to regular meetings for development goals and milestones
- Maintained development documentation and project wiki pages

4Valor Studios

Developer – Unity, C#

Remote Work

February 2017 – Present

- Implemented front-end player HUD and game UI
- Worked with music and sound producers to optimize audio playback
- Collaborated with animators to ensure smooth, yet responsive gameplay
- Reviewed designs for optimization and directed other programmers
- Designed and implemented modular entity functionalities for mass reusability
- Designed and implemented scalable generative platforming system
- Participated in team meetings to track progress and plan new tasks

BreeTheMuralGirl LLC

Communications Administrator

Cypress, TX

April 2015 – November 2017

- Constructed and maintained a new business website
- Maintained and updated social media pages and website with new content
- Researched advertising opportunities and promoted discovery for new clients
- Designed and implemented customer event registration system
- Reported directly to business administrator and owner with updates and suggestions

SKILLS/TOOLS

- C, C++, C#, Java
- Python, Lua
- Unity
- SCRUM
- Complex Mathematics, Logic
- GitHub, Version Control
- HTML, JavaScript, REST
- SQL, Database Management
- Communication, Documentation
- Machine Learning

OTHER EXPERIENCES

Mobile Sales Consultant, Best Buy, Cypress, TX

Fall 2014 – January 2015

Team Member, Whataburger, Cypress, TX

December 2013 – August 2015

Busser, Texas Mesquite Grill, Cypress, TX

September 2014 – November 2014

AWARDS AND SCHOLARSHIPS

- Texas Tech Presidential Scholarship Recipient
- AP Scholar with Honor
- Achieved President's and Dean's List