

Robert Petersen

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WEB PROGRAMMER

Education

Blackhawk Technical College - Janesville, WI * **Associate Degree Web Programming** * 2016 * GPA 3.84

UW Rock County - Janesville, WI * **Associate of Arts and Sciences Degree** * 2012 * GPA 3.4

Technology Summary

Languages: Java, Swift, Objective C, C#, VB.Net, PHP, JQuery, ASP.Net, MySQL, HTML5, CSS

Databases: SQL Server, MS Access, PHPMyAdmin

Programs: Adobe Photoshop, Microsoft Office, GIMP, Blender, Android Studio, Eclipse, Xcode

Major Projects

Responsive Website Design:

I generated several websites using Twitter Bootstrap, using many of its features to produce responsive websites fit for a phone, tablet or computer.

Terrain Simulator: <http://rpetersen4.btcwsd.com/hoarding/>

School Programs: <http://rpetersen4.btcwsd.com/btc/> and <http://www.rpetersen4.btcwsd.com/BTC-Uber/>

“Hoarding” - Terrain Simulator:

A completely procedural virtual terrain generator, featuring a nearly infinite randomly-generated voxel terrain complete with random foliage, building creation with structural integrity, and 3D volumetric water. Has over 20,000 lines of working C# code. Sample code upon request. See website above or view all videos at:

<https://www.youtube.com/channel/UCGoVTHfPxbu0tpJ52ksi2dg>

“Last One Out” - 3D Android Game:

A final project in Java using Libgdx and Bullet physics. It's a vehicle zombie survival game featuring random city generation. You explore the map and evacuate survivors, scoring points based on damage taken and completion time. Sample code upon request. View at: <https://youtu.be/80Tu0zkfKD4>

Work Experience

Sam's Club - Janesville, WI * **Electronics Supervisor** * 2008 -Present

Roles: Tire Technician, Electronics Associate, Hardlines/Electronics Supervisor, currently Tire Technician

Best Events Catering - Janesville, WI * **General Manager** * 1999 -2008

Roles: Waitstaff, Bartender, Bar Manager, Rental Manager, General Manager

Internships

Vanderbloemen Creative - Milwaukee, WI * **Spring 2016**

Task: She wanted an updated website showcasing her portfolio work. Design of main page was customer's direction. I designed both the contact page and portfolio page using some JQuery as well as PHP for sending an email upon form completion and to double verify form data on the server.

Link: <http://www.rpetersen4.btcwsd.com/vbc/talents.php> original site: <http://www.vanderbloemencreative.com/>

Scott Reid Mortgage - Newington, NH * **2015 - Current**

Task: Updated his WordPress site to show a warning message when a user click on a 3rd party link leading away from the home page. Uses queue and register WordPress methods to ensure compatibility with other WordPress plugins.

Link: <http://scottreidmortgage.com/>