EMMA BAREIS

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(972) 533-8181

EXPERIENCE

Healthmarkets
Software Engineer *2016 – Present*

- Reviewed business case documentation to add features and perform maintenance on health insurance sales systems, phone routing systems, and Azure cloud services
- Regularly worked with a team of developers to triage, diagnose, and resolve code defects
- Maintained codebase in C#, React.js, Knockout.js, CSS, and HTML
- Programmed scheduled reporting jobs in C#
- Maintained unit and integration test suites
- Presented product in tech demos to prepare Quality Assurance team for testing

Intercept Survey Solutions
Web Programmer *2014 – 2016*

- Reviewed client documentation and utilized HTML, jQuery, CSS, and C# on the ASP.NET platform to create customized, dynamic market research surveys
- Implemented customer classification algorithms into typing tools for surveys
- Delivered survey code to client-facing website via upload to Windows Server machine
- Created stored SQL procedures to dynamically pull and vary survey content among a sample

Hewlett-Packard Enterprise Services
Information Tester *2012 – 2014*

- Performed all QA duties, including planning and executing test cases, for an effort to anonymize a database containing private information
- Performed live QA validation for major deployments to production servers of healthcare and wellness web software during outage windows
- Wrote scripts in HP LoadRunner to automate frequently performed testing activities
- Created procedure documentation for production deployment validations, including pulling test users and executing standard test cases

SKILLS

- Programming: SQL, C#, HTML, CSS, Knockout.js, Assembly (x86 and Z80), Java, React.js, Python
- Software Development
- Coding & Scripting
- Troubleshooting & Debugging
- Functional and Unit Testing
- TFS, Git
- APIs and Web Services

EDUCATION

The University of Texas at Dallas
2012 Bachelor of Arts in Arts and Technology

PERSONAL PROJECTS

FNM Helper

- Python script that helped randomly distribute promotional cards at Magic: The Gathering tournaments

Airplanes Above Me

- Python twitter bot that used Wolfram Alpha's API to find flights overhead and tweet flight number and aircraft type

Pokemon: Red and Blue ROM Hacking

- Adding content to Pokemon: Red and Blue versions for the Game Boy using a variant of Z80 Assembly.
- Made efforts to patch old bugs that had made it to the retail version of the game
- Made various modifications to existing game content

CERTIFICATES

ITIL v3 Foundation Level
2013

EMMA BAREIS