Brian Kieffer

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McKinney, Texas

in in/kiefferbp

kiefferbp

EDUCATION

The University of Texas at Dallas (GPA: 3.148) – *Richardson, Texas*   *January 2012 – December 2016*
Bachelor of Science in Computer Science
Bachelor of Science in Mathematics (Emphasis in Statistics)

TECHNICAL SKILLS

Languages:	C#, Java, JavaScript, HTML, CSS, PHP, C++, Python, R
Databases:	MySQL, Microsoft SQL Server (MSSQL)
Web Technologies:	ASP.NET MVC, jQuery, Bootstrap, React, AngularJS, Node.js, SASS/LESS, WordPress
Other Technologies:	Visual Studio, NHibernate, NUnit, Gulp, GitHub, Grunt, WebExtensions, ESLint, Unity
Operating Systems:	Windows (XP, Vista, 7/8/10, Server 2012), Linux, Mac OS X

WORK EXPERIENCE

Brainworks, Inc. – *Carrollton, Texas*   *July 2013 – December 2015*
Junior Web Developer
- Developed and maintained ASP.NET/C# and WordPress versions of the company website
- Added hundreds of new subscribers by creating a subscription form for article readers
- Wrote a RESTful API and a Java application to CRUD database entries for a user testimonial rotator
- Used Google Analytics and A/B testing to suggest and make improvements to website design

Brainworks, Inc. – *Carrollton, Texas*   *January 2011 – December 2015*
Mathematics and Science Tutor
- Tutored Mathematics (Algebra I to Calculus III) and science (Chemistry, Physics, and Engineering)
- Taught summer courses in College Algebra and Calculus III

The University of Texas at Dallas – *Richardson, Texas*   *August 2015 – December 2015*
Undergraduate Teaching Assistant
- Graded homework and helped students of MATH 3379: Complex Variables for the Fall 2015 semester

PROJECTS

Bing Pong: Microsoft Rewards Helper – *Personal Project*
- Created a popular web application that performs automated searches on Bing to earn gift cards
- Built a fanbase of over 3 million users and sold over 1000 software licenses for $10 each
- Deployed highly-rated browser extensions to the marketplaces of Google Chrome and Mozilla Firefox
- Created an e-mail notification system to notify users of their progress through Microsoft Rewards
- Researched and developed a mechanism to emulate human browser interactions

VR Holodeck: Augmented Reality Chess – *Senior Design Project (Sponsored by Texas Instruments)*
- Created Android and iOS applications to play Chess in augmented reality
- Used Unity, Vuforia, and C# to implement the mobile application's mechanics and tracking capabilities
- Used Texas Instrument's CapTIvate™ technology and Bluetooth low energy to obtain player movements

Blackjack Basic Strategy Generator (Java) – *Personal Project*
- Used dynamic programming and random simulations to derive the best strategy for any Blackjack hand