

John Bucher

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Education/Skills

Shippensburg University, Shippensburg, PA *B.S. Degree, anticipated May 2018*
Major: Computer Science; GPA: 3.4 / 4.0 index; Member of the Honors Program

Relevant Coursework: Design and Analysis of Algorithms, Database Management, Design Patterns

Spring 2018: Interdisciplinary Development (NASA), Crafting Quality Code

Programming languages: C#, C, Java, Ruby, SQL, and Python

Skills: .NET Framework, MVC, AJAX, SQL Server, Ruby on Rails, Javascript, CSS, HTML, jQuery, WinForms, C# WPF, XAML, and Agile Software Development

Research Experience

"The Prevalence and Impact of the "QWERTY Effect" on the Russian language."

- Text-based analysis of Russian characters over time using a dataset of 74 million names grouped by birth year to observe if the introduction of the electronic keyboard has influenced the Russian language in similar patterns that have been observed in Roman-character languages. (January 2017 – December 2017)

Work Experience

Computer Aid, Inc., Harrisburg, PA
Software Development Intern

May 2017 – August 2017

- Created and maintained relational databases and web-based applications such as E-commerce websites.
- Inspected and documented professional Computer Aid, Inc. applications through interviews and collaborations with the developer teams.
- Gained experience in C#, ASP.NET, AJAX, MVC, SQL Server, Javascript, CSS, HTML, jQuery, WinForms, C# WPF, and XAML.

Nordstrom, Inc., Elizabethtown, PA
Seasonal Warehouse Worker

2015-2016

- Inspected, sorted, and packaged goods for receipt & distribution.

Honors / Activities

College Honors & Activities

Shippensburg Honors Program, Clarence Schock Scholarship, Computer Programming Team (participated in the ACM International Collegiate Programming Contest), future participant in the 2018 Minds at Work Conference, Vice President of the League of Legends Club, Construction of personal desktop computers for self and others

High School Honors & Activities

National Honor Society, Bronze & Silver Duke of Edinburgh (Awards for Community Service) and Optimates (School Honors) received in Canada, Lancaster Lebanon Scholar Athlete Award, President of the Ski Club, Boys Scouts of America Life Scout, and Co-founder of the Teen American Club of Oakville (TACO)