

Braden MacBeth

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 TheMythoclast

Education

Slippery Rock University of Pennsylvania
Bachelor of Science in Computer Science

Slippery Rock, PA
May 2019

Butler County Community College
Associate of Science in Computer Science

Butler, PA
May 2015

Technical Skills

Languages: C#, Python, Java, Javascript, C++, Visual Basic

Databases: SQL Server, MySQL, MongoDB

Frameworks/Platforms: ASP.NET, ASP Classic, .NET Core, React, Entity, Amazon Web Services, Azure

Other: Linux, Ignition, Jira, Git, Office

Experience

JSP International
Software Engineer

Butler, PA
May 2015 - January 2018, May 2019 - June 2020

- Designed, and deployed new extruder human-machine interfaces for plastics extruders in the Butler and Detroit plants using Ignition.
- Built new and updated existing SCADA projects using Ignition.
- Assisted engineering team to setup new database and SCADA system for the new sheetfoam production plant in Jackson, MI.
- Fixed issues, and added new features to existing web pages in existing corporate ASP Classic/ASP.NET portal.
- Developed bulk shipping, density sample production reports using .NET Core, JQuery, Javascript, React and entity framework for new intranet portal.
- Monitored Ignition/Daily error reports and logs, responding to problems if necessary.
- Modified and created new tables, stored procedures in SQL Server and MySQL Server.

Projects

MedSchoolsFor

MedSchoolsFor is my personal project which will allow prospective medical school applicants and advisors to easily search, filter, and view medical school admissions requirements data for all US osteopathic and allopathic medical schools. My current prototype is a ReactJS-based front-end that leverages ElasticSearch to provide advanced search functionality. My goal is to finish designing the site and features by the end of November and begin data collection.

Other Mischief

ScienceBasedMedicine.org

I've been writing guest articles for the ScienceBasedMedicine blog, which is dedicated to exploring issues and controversies in science and medicine, semi-regularly since 2018. Typically I write long-form refutations of documentaries and books promoting health fraud and misinformation. I also write commentaries on emerging health trends such as the youth vaping and opioid crisis.