Kyle Wojtaszek

Senior Software Engineer

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EDUCATION

Syracuse University

Bachelor of Science in Physics and Mathematics

AUG 2003 - JUNE 2007

Masters of Science in Applied Data Science

APRIL 2018 - PRESENT

PROFESSIONAL EXPERIENCE

Senior Software Engineer - Data And Intelligence - Microsoft Corporation

Windows Core Networking Team

SEPT 2015 - PRESENT

- Maintain and process data from hundreds of millions of customers for key components, such as TCP/IP, HTTP, and the web caching mechanisms.
- Translates raw data and customer feedback into actionable items for development team to pursue.
- Played a key role in a staged rollout of TCP Fast Open and HTTP/2 Connection Coalescing, ensuring a high quality releases, while minimizing regressions.
- Worked with Microsoft Research to help use our web caching data to make incremental improvements to Microsoft Edge caching performance.
- Created a number of audience appropriate visualizations for KPI's and various visualizations to communicate status both to management and to fellow team members.

Software Engineer II - Quality - Microsoft Corporation

Windows Printing/Peripherals Team

AUG 2013 - SEPT 2015

- Helped lead the way in the team's conversion from test-driven quality to data-driven quality by instrumenting key product telemetry and establishing KPIs.
- Used data-driven proposals to push multiple user-centric features into Windows 10 such as the ability to print from the Snipping Tool and a reengineering of default printer logic.

- Mentored an intern in the summer of 2014 who went on to be hired by the company full-time. His project eventually became the "Print to PDF" feature in Windows 10.

Software Development Engineer In Test - Microsoft Corporation

Windows Printing/Peripherals Team

JUNE 2007 - AUG 2013

- Created portable, reusable, and reliable testing tools and infrastructure for product team. Assisted in design of many large scale Windows features, including the modernization of the Windows print system.

- Developed into a technical leader on the team, being able to learn new tools and adapt to shifts in organizational direction quickly.

- Co-inventor of US Patent #9032106 – "Synchronizing device association data among computing devices"

SKILLS

Software Engineering

- 10 years of C++/C programming experience
- Also familiar with C#, Amazon AWS, and HTML/JS

Data Science

- 5 years experience with R, SQL, Azure Data Lake/U-SQL, and Microsoft Power BI
- Also familiar with Python