

# Nate McMaster

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[natemcmaster.com/resume/](http://natemcmaster.com/resume/)

Experience      Senior Software Engineer      Redmond, WA / Microsoft

May 2015 – present

- Designs and creates features for ASP.NET Core, a C# web development framework, such as command-line tools, project file APIs, and the data encryption APIs.
- Leads team of 3 developers responsible for improving test and continuous-integration infrastructure for the project.
- Primary author of the CI infrastructure that produces ASP.NET and Entity Framework, which comes from 1.9 million lines of code, and releases monthly updates to millions of customers.
- Coordinates development with dozens of collaborators inside and outside of Microsoft on open-source projects on GitHub.

Research Assistant      Provo, UT / Brigham Young University

Nov. 2014 – May 2015

- Prototyped programmable LED lighting devices.
- Designed software to automate circuit board design and assembly.

Software Engineer Intern

Aug. 2013 – April 2014

Provo, UT / Ancestry.com

- Developed web-based interactive maps and graphs for visualizing family history data within Ancestry's iOS app.

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Education

Brigham Young University

Bachelor of Science, Computer Science, 2015, Cum Laude

Dean's List 2009, 2013, 2014

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Skills

.NET Core  
C#

HTML and CSS  
JavaScript

Blogging and  
technical writing

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Honors

Dean's List 2009, 2013, 2014

Eagle Scout

National Merit Finalist

Brigham Young University

Boy Scouts of America

National Merit Scholarship Corporation

References available upon request