

COLTON MUMLEY

 colton12@vt.edu  (717) 654-0994  linkedIn.com/ColtonMumley  github.com/ColtonMumley  ColtonMumley.me

EDUCATION

Aug 2017 May 2021	B.S. in Computational Modeling & Data Analytics — Virginia Tech — Blacksburg, VA <ul style="list-style-type: none">› Minors in Computer Science and Mathematics
Aug 2013 May 2017	High School Diploma — Susquehannock High School — Glen Rock, PA

EXPERIENCE

May 2020 Aug 2020	Software Engineer Intern — WebstaurantStore — York, PA <ul style="list-style-type: none">› Utilized MVC architecture in a large codebase alongside ASP.NET to create internal web applications› Wrote and tested API methods that were then used in the ASP.NET project and managed via NuGet› Underwent multiple stages of code review to ensure high quality code› Queried extensive databases using SQL scripts› Collaborated with a team of 7 and communicated with stakeholders via Agile, Git, and Azure DevOps <div>ASP.NET C# JavaScript SQL Server Management Studio Agile Git Azure DevOps</div>
May 2019 Aug 2019	ServiceNow & JavaScript Developer Intern — Contender Solutions — York, PA <ul style="list-style-type: none">› Automated and decreased turn-around time for processing and onboarding newly hired employees› Developed complex, modular ServicePortal pages and widgets› Integrated ServicePortal frontend with various databases on the backend› Tested out-of-the-box functionality and created training and reference material to document findings› Received ServiceNow System Administrator Certification <div>Angular JavaScript Sass ServiceNow</div>
Sept 2018 Sept 2019	Data Scientist — Rocketry at Virginia Tech — Blacksburg, VA <ul style="list-style-type: none">› Analyzed data from flight simulations to optimize the rocket's performance using machine learning› Integrated Arduino with Python GUI to display real-time graphs of the rocket's sensors› Quickly learned React to help develop the team website <div>Python Arduino Machine Learning JavaScript React</div>

PROJECTS

Feb 2019	Score Spectre <ul style="list-style-type: none">› Created an augmented reality application for the HoloLens to help musicians read sheet music and play instruments more effectively› Overcame constant challenges as this project was created within 36 hours during the VTHacks hackathon, such as working with people I had never met before› Placed 1st in category and top 8 in all of the event, where over 200 people competed <div>Unity C#</div>
Dec 2018 Jan 2019	Recordmendation <ul style="list-style-type: none">› Worked closely with Spotify's API to develop and deploy a website that curates a playlist of songs based off of user-inputted criteria› Garnered over 30 users from countries all over the world within the first week of deployment <div>React Node Heroku Spotify API</div>

SKILLS

Languages Java, Python, C#, Javascript, R, HTML/CSS
Technologies React, ASP.NET, Agile, Git, Windows/macOS/Linux, Adobe Suite, \LaTeX