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|  | SKILLS |  |
|  | **Programming Languages** | Java, Kotlin, JavaScript, TypeScript, Swift |
|  | **Software Technologies** | Spring, React, CSS3, HTML5, SQL, Node.JS, Gitlab-CI, Tableau, Splunk, CAD |
|  | EXPERIENCE |  |
|  | **Boeing**  March 2019-Present | **Full Stack Developer**   * Paired with developers from across the company to teach modern development practices * Facilitated courses to train developers on how to deploy software to the cloud * Followed Extreme Programming principles such as Test-Driven Development and CI/CD * Co-developed an app that generates pipelines to build, test, and deploy apps to the cloud * Utilized Spring Security and OAuth2 to properly authenticate and authorize users * Built several highly available and scalable apps and Restful APIs * Co–developed an app to optimize purchasing that discovered $1.5 billion in unrealized savings and has already saved over $5 million annually |
|  | June 2018-March 2019 | **Data Analyst**   * Created a website using .NET Core to host real-time visualizations * Visualized data in Tableau that eliminated hundreds of charting hours annually * Designed a risk management analytics package for commercial and defense products * Connected engineering, production, and supply chain data to provide metrics on part changes all the way from design to installation * Awarded organization project of the year |
|  | August 2017-June 2018 | **Systems Engineer – Risk Management**   * Managed risks, issues, and opportunities for a team of 300+ people * Maintained proper risk mitigation plans for teams and individual engineers * Educated executives every week about the current level of risk on the 777X * Eliminated 90 engineer hours quarterly by implementing report automation using VBA * Used R to aide a data analytics team by compressing several large data exports |
|  | **Ford**  May 2016-August 2016 | **Engine Test Team Intern**   * Designed a simulation of engine compression in MatLab to help identify faulty engines |
| A picture containing clipart  Description automatically generated | **Caterpillar**  May 2015-November 2015 | **Design Team Student Practicum**   * Created simulated stress models to predict part failure |
|  | EDUCATION |  |
|  | **Johns Hopkins**  Expected December 2020 | **Master of Science in Computer Science, 4.0/4.0**  Courses in algorithms, computer architecture and organization, web development, and IOS |
|  | **University of Illinois**  **Urbana-Champaign**  May 2017 | **Bachelor of Science in Aerospace Engineering, 3.77/4.00**  Courses in data structures, algorithms, designing and building UAVs, and the development cycle of airplanes |

Zach Romano

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