

CHRISTOPHER BLANKS

EMPLOYMENT

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| Software Engineer | Northrop Grumman | Jun. 2022 – Present |
| <ul style="list-style-type: none">• Develop software for interfacing with Manufacturing Execution Systems (MES) and automating assembly line processes via Java, RabbitMQ, and IPC-CFX• Integrate software with factory equipment and troubleshoot issues with equipment process owners• Manage remote server configurations, databases, and software deployments• Improve software development practices to increase software reliability and developer productivity• Train new employees in software development practices and Agile/Scrum processes | | |
| Solutions Engineer | Eurotech | Mar. 2021 – Jun. 2022 |
| <ul style="list-style-type: none">• Designed IoT software applications based on customer requirements and constraints via Java• Provided technical support for pre-sales and post-sales of IoT devices and software• Developed proof of concepts (PoC) to demonstrate capabilities of IoT devices and cloud technology• Provided IT support for customers regarding Linux based devices and cloud applications | | |
| Assoc. Software Engineer | Northrop Grumman | Jul. 2019 – Mar. 2021 |
| <ul style="list-style-type: none">• Designed desktop applications for automated digital and RF hardware testing platforms via the C language• Led software development on a multimillion-dollar product and helped get it released to production Identified opportunities for process improvement and automated workflows via the Python language• Developed and maintained technical documentation for other engineers and end-users of the software product• Acted as a key contributor for adopting new version control standards that affected 50+ unique software projects hosted on GitHub• Acted as subject matter expert for the Git tool and general version control practices for my team Provided mentorship and guidance for new hires• Assisted with managing Agile Scrum development cycles | | |

EDUCATION

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| Princess Anne, MD | University of MD, Eastern Shore | Fall 2015 – Spring 2019 |
| <ul style="list-style-type: none">• B.Sc. in Engineering with a concentration in Computer Engineering, GPA: 4.0• <i>Undergraduate Coursework</i>: Programming Concepts for Engineers; Computer Organization; Digital Signals Processing; Embedded System Design; Calculus III; Differential Equations; Control Systems | | |

PERSONAL PROJECTS

- **Personal Website** (2023). Created a blog website, www.chrisblanks.xyz, for creating and sharing articles about my personal interests. Configured a *DigitalOcean Ubuntu* server to host the web application. Implemented the website backend with Spring Boot, Thymeleaf, and a MySQL database server. Implemented the website frontend with HTML/CSS, JavaScript, Bootstrap, and JQuery. Added Google Analytics for monitoring site traffic. Secured the website with SSL and Spring Security.

SKILLS

- Proficient with software development in the Java, C, and Python programming languages
- Experienced with SQL, JavaScript, HTML/CSS, Bash, JUnit, Spring, Git/Github, Virtual Machines
- Experienced with Linux, Windows 10/11, Azure DevOps, Jira, Confluence, Visual Studio Code, Eclipse