

Nathanial Bergan

3296 7th St NW Rochester, MN 55901
507-696-9331
nathanial.bergan@gmail.com
nbergan.github.io/NatesWebsite

Education



Bachelor of Science in Software Engineering

(Expected) December 2020

Arizona State University (ASU), Tempe, Arizona

- Program nationally accredited by the Engineering Accreditation Commission of ABET
- Relevant Coursework: Data Structures, Assembly Language, Operating Systems, Calculus III
- GPA – 3.24

Technical Skills

- Programmed and debugged Java, Python, and C++ code through internship and classes
- Up-to-date on development practices of using Git to push, pull, and commit code to select branches
- Competent using Firebug and XPath to select web elements, Cucumber and Selenium to automate tests
- Strong oral and written communication developed through Air Force and internship experiences

Projects

- **Calculator:** Designed and programmed a calculator in Verilog and tested on a Xilinx ARTIX-7 board
- **Robotic Arm:** Built and programmed an arm robot for engineering class project, achieved an A in the class
- **Game Development:** Team built Unity 3D game, won Totino's challenge at GGJ U of M Twin Cities 2017
- **Website:** Self-taught HTML, CSS, and JavaScript. Creatively designed and programmed personal website

Employment



Software Engineering Internship

Summer 2017

Optum (United HealthGroup), Eden Prairie, MN

- Programmed in Java, Cucumber, and Selenium to automate over 50 QA tests on internal applications
- Collaborated in an Agile - Scrum environment with a team of 7 interns + 3 employees
- One of four teams selected to present intern project in front of high leadership and 200+ audience



Intelligence Analyst

2014 – Present

United States Air Force Reserve, Minneapolis, MN

- Entrusted with the highest level of confidential information, retains a Top-Secret security clearance
- Analyzed and compiled all-source intelligence products to support the combat commander
- Assessed the significance and reliability of incoming information with current intelligence



Electronic Warfare Systems Specialist

2009 – 2014

United States Air Force Reserve, Minneapolis, MN

- Strengthened team leadership and adaptability while deployed to the Middle East in 2012
- Inspected, installed, repaired, and maintained missile defense systems on the C-130 aircraft
- Improved troubleshooting and problem analysis with one year of active duty orders