

# Eric Craft

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## EDUCATION

**Wofford College**, Spartanburg, SC

January 2021

Bachelor's Degree in Computer Science – Cum Laude

GPA: 3.73/4.0

**Honors:** Awarded the Benjamin Wofford Scholarship worth \$86,000, by displaying exemplary academic success, extracurricular involvement, and strong interpersonal skills.

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## PERSONAL PROJECTS

**Machi-Koro** ([GitHub](#))

Created a fully functional version of the Machi Koro board game in Java to be played in the console. Includes human vs. human and human vs. AI (strategic and non-strategic). Contains hundreds of unit tests with 86% code coverage and full documentation (API and a user guide).

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## EXPERIENCE

**Software Engineer at the Naval Information Warfare Center (Atlantic):**

June 2021 – Current

- Worked with team leaders and head developers in an Agile environment to improve and maintain a focused platform that supports dynamic mission application deployment tasking, containerized software orchestration, and electronic warfare software frameworks.
- Cooperated with two other developers on launching our platform completely offline via a SoC (system-on-chip), providing a 100% increase in accessibility for any stakeholders and operators utilizing our program by allowing access anywhere this integrated circuit can be deployed.
- Integrated Litmus – a Chaos testing tool – in a completely offline environment within our platform, increasing our Chaos testing coverage by 2500%.
- Collaborated with the cybersecurity team in scanning for and addressing 100% of all critical cyber vulnerabilities by tackling any potential threats and updating all our in-use machines.
- Designed an Ansible script that automates all required installations for new onboarding team members, increasing onboarding efficiency speed by 60% through eliminating the need for version checking, OS-specific installations, and any future implementation failures stemming from incorrect or out-of-date software management.
- Incorporated security features within specified containers that restrict the use of certain master commands, resulting in a more heavily protected instance of our platform.

**Software Programmer at VisioStack, Inc.**

May 2020 – September 2020

- Diagnosed and de-bugged 20+ software and web-related issues, improving website speed and efficiency by 75% through resolving previous bugs and/or crashes hindering clients from accessing our website, or features within the site, that assisted in making important decisions based off up-to-date information.
  - Implemented design and feature mock-ups provided by senior-level designers and engineers on an internal website and dashboards, resulting in a more appealing site design with new features that enhance client interactions and feedback.
  - Effectively performed daily standups and code reviews with a team while completely virtual.
  - Operated extensively on an internal website that houses dashboards containing client-specific information to help them make informed business decisions.
  - Wrote 3 unit tests in Python that increased code coverage by 8.5%.
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## SKILLS

**Front-End:** HTML, Javascript, CSS, React, React Native

**Back-End:** Python, Java, C, C++, C#

**Testing:** Git, JUnit, LitmusChaos

**Orchestration:** Ansible, Docker, Kubernetes