

Chase Packer

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Work Experience:

IT Intern

Maritime Defense Solutions

(Formerly Wärtsilä Defense, Inc.)

June 2022 - August 2022

Chesapeake, VA

Performed an inventory of and created a tracking system for IT equipment throughout the company. Reformed IT procedures for reporting and responding to issues. Created prototype internal employee management software. Assisted with solving daily IT issues.

Computer Science Consultant

William & Mary

September 2022 – December 2022

Williamsburg, VA

Assisted Students with completing their programming systems. Answered questions, helped them understand the logic of programming, and assisted with bug fixing.

Other Experience:

Semester Abroad in Japan:

Studied at Keio University in Tokyo, Japan for five months, studying Japanese language and culture.

Projects

Jouzu Japanese (Personal Project):

Developed a web-based application for beginner Japanese students to practice Japanese language skills such as memorizing the hiragana and katakana writing systems, as well as practice conjugating verbs and adjectives. Technology/Frameworks Used: React, HTML, CSS, JavaScript, Java, Maven, Spring Boot, XML. On GitHub.

Mutation Framework for the Evaluation of Licensing Tools

(Group Project in Software Engineering Course):

Developed desktop application that introduces code and media containing licensing issues into a user-provided compliant repository to evaluate the performance of License Compliance Tools. Given an exemption on the final exam due to excellent quantity and quality of contributions to the project. Technology/Frameworks Used: Python, PyQt6.

Education:

William & Mary

Computer Science and Japanese Studies

May 2024 | GPA: 3.86

Relevant Coursework:

Software Engineering:

Completed a group project over the course of multiple sprints using Agile Development practices. Attended Lectures relating to SWE best practices.

Database Systems:

Learned about Database Systems. Used PostgreSQL to create own database schemata and system.

Machine Learning:

Learned about various machine learning algorithms such as:

Linear/Logistic Regression, SVM, Kernel Functions, and Neural Networks.

Applied Cybersecurity:

XSS, SQL Injection, Port Scanning, CVSS, etc.