

Anita Ambalavanan

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 aniamb.github.io

EDUCATION

Bachelor of Science, Computer Science
Minor in Philosophy
Purdue University
West Lafayette, IN | May 2021

SKILLS

Java
C/C++
Scala
Play Framework
HTML & CSS (bootstrap)
JavaScript (Node, Nightwatch, Chai)
C#
SQL
Adobe Lightroom, Photoshop
Conversational Spanish

COURSEWORK

Data Structures and Algorithms
Analysis of Algorithms
Object-Oriented Programming
Discrete Mathematics
Programming in C
Computer Architecture
Systems Programming
Operating Systems (Current)
Software Engineering (Current)

INVOLVEMENT

BoilerMake (Hackathon) Executive Board

- Director

TEDxPurdueU Executive Board

- Sponsorship Lead

EXPERIENCE

Software Engineering Intern - Salesforce
San Francisco, California | May 2019 - August 2019

- Developed internal APIs to improve baseline functionality for customers
- Pioneered testing suite via synthetic runners and frameworks to improve code functionality and robustness

Software Engineering Intern - Salesforce
Indianapolis, Indiana | May 2018 - August 2018

- Implemented a fully-automated smoke suite testing initiative through UI and middle tier tests
- Fixed full-stack customer data issues via complex SQL and C#
- Solved high-priority testing issues surrounding sensitive customer data via JavaScript

Wright Scholar Summer Intern - Wright Patterson
Air Force Base
WPAFB, Ohio | May 2017- August 2017

- Updated multiple databases via MySQL to ensure security and prevent SQL injection
- Established a functioning Java Program intertwined with a Java Swing-based Guided User Interface
- Modified open source mapping software in JavaScript to display dynamic sizes of features

Wright Scholar Summer Intern - Wright Patterson
Air Force Base
WPAFB, Ohio | May 2016- August 2016

- Translated numerous functions from Java over to LISP
- Designed System Regression Testing Suite for Language Analysis
- Implemented full-stack user feedback form using SQL, JavaScript, and HTML/CSS