

Ethan Crowson

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PROFESSIONAL PROFILE

Junior Software Engineer with a focus on Java development. Skilled in building reliable applications, solving technical problems, and learning new tools quickly. Committed to improving my skills and contributing to meaningful software projects.

EDUCATION

BSc Computer Science (First) 09/2021 – 07/2024
Royal Holloway, University of London

WORK HISTORY

Packaging Worker (Seasonal) 07/2021 – 01/2024
DirectCDs

Table Assistant 07/2023 – 09/2023
Hearts Fun Casinos

AWARDS

Bronze Duke of Edinburgh Award

NOTABLE PROJECTS

Concurrency Game Playing Environment ethancrowson/Concurrency-Game-Playing-Environment
Tech Stack: Java, JUnit, JavaFX September 2023 - May 2024

Using concurrency in Java I designed A game-playing environment in which a user can create multiple instances of Chess and Tic-Tac-Toe. These instances concurrently share access to a module. JavaFX also uses concurrency to ensure changes are only made on the application thread.

Oaxaca Website ethancrowson/Oaxaca-website
Tech Stack: Python, Django, PostgreSQL, JavaScript, HTML/CSS January 2023 - May 2023

A Django created website for a restaurant’s system, integrating PostgreSQL for user data management and authentication. This was accomplished as a team, using scrum methodology to drive feature development and project progress.

CADdy Language ethancrowson/CADdy-Software-Language
Tech Stack: Java, JavaFX January 2024 - April 2024

A software language engineered to provide a simple way for non-programmers to create 3D models for their CAD printing needs. Created with a JavaFX backend.

Restful Service ethancrowson/restful-service
Tech Stack: Java, Junit, SpringBoot, PostgreSQL, Postman, React, HTML/CSS September 2024 - Present

Currently developing a web API for a product-distribution company using Spring Boot. PostgreSQL is used for user data as well as product data management.

TECHNICAL SKILLS

Java

Python

HTML

Django

C

SQL

JUnit

Git

UML

Spring Boot

PostgreSQL

Maven

JavaScript

Tailwind CSS

CSS

SOFT SKILLS

Software Development

Algorithms and Data Structures

Agile Methodologies

Database Management

Time Management

User Centred Design