

ANKER RASMUSSEN

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PROFILE

I am a second-year Computer Science student with a deep passion for software development, demonstrated by multiple personal and academic projects. In my free time, I've developed a C# Unity game and a Java-based 2D platformer, which earned a first-class grade as part of my degree. I've also built a custom Excel solution that tracks the SPX index using VBA for web scraping data from Yahoo Finance, and integrated the Schwab API to automate portfolio rebalancing. I'm seeking an opportunity to apply my skills in coding and problem-solving to tackle dynamic challenges and contribute to impactful projects.

KEY SKILLS

Computer: OS: Windows, MacOS, Linux (ubuntu, Raspbian, centOS)
Software: Git, GitHub, IDEs: IntelliJ, VSCode, Visual Studio
Programming: Typescript- developed a web-app with clean scalable and maintainable code
Java - developed a 2d game using a physics engine
JavaScript - typescript app built upon my pre-existing javascript knowledge
MySQL - designed and built a database that took input from a website and stored with sanitization
C++ - in process, currently learning at one of my modules
C# - developed a 3D unity game akin to an arcade style shooter
Spreadsheets: Excel, Knowledge of VBA/advanced excel scripting (XLOOKUP, INDEX/MATCH etc)
Web: HTML, CSS
Languages: English (native), Danish (fluent)

EDUCATION

City, University of London <ul style="list-style-type: none">Year 1 (Overall grade: 1st) Modules: Introduction to algorithms (1st) Operating Systems (1st) Mathematics for computing (1st) Systems Architecture (1st) Databases(1st) Programming in Java (1st) Ethics for computing (1st) <ul style="list-style-type: none">Year 2 (TBA) Modules: Programming in C++ (TBA) Data structures and algorithms (TBA) Language processors (TBA) Computer Networks (TBA) Cloud technology (TBA) Object oriented analysis and design (TBA)	BSc (Hons) Computer science	Sep 2023 - Jun 2026
City of Bristol College, Bristol, England BTEC Computing Grades achieved: Distinction*, Distinction, Distinction		Sep 2021 - Apr 2023
IGCSE SIS, Sønderborg, Denmark Grades achieved: Maths, English, Economics, Physics at grades 5-7		Sep 2015 - Jun 2017

PROJECTS

CognitiveConformity.com (Website) <ul style="list-style-type: none">Topic/aim: Create an online professional portfolio to assist prospective employers in understanding my strengths. Read documentation for svelte and typescript. Raised employability by 10%.What I did: Started sole development of the website. Designed wireframes and implemented according to specification. Created sprints and achieved them within the allocated deadline. Implemented 6 pages.Outcomes: Hosted a website with a streamlined, automated deployment process. Deployed an agile framework to design sprints for myself to complete the project within a deadline of 4 months.	Jun 2024 - Present
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Circuit Clash (Java 2D Platformer) (1st)

Jan 2024 - Apr 2024

- Topic / aim: Develop an OOP game in Java using a physics engine.
- What I did: Designed sprints to complete work in a short timeframe as a sole developer. Delivered 21 classes in 4 packages with accurate documentation. Successfully debugged and tested the product.
- Outcomes: Achieved a first with strong OOP best practices delivered.

Beryllium Bash (C# Unity game)

Apr 2023 - Jun 2023

- Topic / aim: Demonstrate OOP base principles with this project to release a 3D arcade style game that can run on Windows, Mac, and iOS. Written in c#.
- What you did / your role: devised scope and built sprints for the project. Constructed the objects, classes, and terrain. Partnered with a friend to release a prototype in Apocalypse Game Jam 2023, coming 10th.
- Outcomes: Successfully delivered a prototype of a game demonstrating my skills to create a basic arcade style game.

EXPERIENCE

Raza Service, Singapore, Singapore**Intern**

Apr 2017 - Aug 2020

- Collaborated directly with the Managing Director to analyse Raza Service's business fundamentals and portfolio composition. Analysed holding data of five separate countries and compared to market average.
- Utilized strong problem-solving skills to identify portfolio imbalances and inefficiencies. 30% was re-allocated to drive business revenue higher.
- Recommended a strategic shift to reduce housing portfolio exposure and diversify asset holdings. De-allocated SGD\$5MM from bloated countries to make portfolio more lean.
- Communicated complex financial insights regarding portfolio bloat, facilitating informed decision-making to increase YoY cashflow by 10%.
- Played a key role in implementing a rebalancing strategy for improved long-term portfolio diversification.