TEA ELMING

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SUMMARY

Curious and adaptive individual with a solid foundation in Primary Education and Mathematics from the University of Edinburgh. Leveraged teaching and private tutoring experience to develop strong communication and problem-solving skills, and excels in assessing situations, adapting to new challenges, and working collaboratively with diverse individuals. Currently in the final year of a Computer Science degree, eager to transition into a software development role, where academic knowledge can be applied in practical contexts to strive for successful outcomes. Passionate about creating seamless user experiences and continually learning new technologies to enhance development processes.

EDUCATION

COMPUTER SCIENCE (BSC), LINNAEUS UNIVERSITY   *09/2022 - (exp.) 06/2025*

Frontend: HTML5, CSS3, JavaScript, React, Bootstrap, TypeScript, D3.js, JFreeChart, Recharts, Leaflet
Backend: Node.js, Express, Microservices, JWT Authentication, Docker
Testing: Jest, Test-Driven Development (TDD), Unit Testing, Postman
Cloud & DevOps: OpenStack, Terraform, Ansible, Docker, Kubernetes, Infrastructure as Code (IaC), CI/CD
APIs: RESTful API Development (HATEOAS, OAuth2.0), API Documentation, GraphQL (usage only)
Databases: MongoDB, MySQL, Database Design and Management
Software Principles: Object-Oriented Programming, Design Patterns, UML, SOLID Principles, Clean Code Practices, Dependency Injection

Example Projects

Deprivation and Education Data Visualisation – GitHub: DeprivationEducationData
A web application allowing users to view the deprivation level and educational levels of individual LSOAs in England. Mapped view of available LSOAs or list-form.
Technologies: Node.js, Express, JS, D3.js, Leaflet, MySQL

Gitlab 3rd Party Viewing – GitHub: GitLab 3rd Party App
A web application allowing users (at the Linnaeus University) to log in to their GitLab account and view data s.a. latest activities, groups, and profile information.
Technologies: GraphQL, Gitlab API, OAuth2.0, JWTs, Node, Express, JS.

Tutoring Platform – GitHub: tuTea
A web application allowing users to sign up as students or tutors, upload resources, practice resources through games, set up goals and log time spent on activities for tracking purposes, assign other users as their tutors or students, and make public or private posts in a forum.
Technologies and Methodologies: TypeScript, React, Bootstrap, Recharts, MongoDB, Express, Node, SCRUM approach, creating and adhering to requirements specifications.

PRIMARY EDUCATION W. MATHS (MA), UNI. OF EDINBURGH   *09/2016 - 06/2020*

1st Class Honours
Topics (Mathematics): Linear Algebra, Calculus and its Applications, Several Variable Calculus and Differential Equations, Proofs and Problem Solving
Topics (Education): Pedagogy, Child Development, Educational Studies

HIGH SCHOOL DIPLOMA, KUNGSHOLMENS GYMNASIUM   *08/2013 – 06/2016*

Natural Sciences, International Section
10+ A's, including Mathematics, Sciences, English.
Mathematics 5 (highest level offered) – A, English 8 (highest level offered) – A

EXPERIENCE

Private Educator   09/2017 – Current

· Supported over 70 students ages five to 60, including students with cognitive disabilities, behavioural difficulties, and from various socio-economic backgrounds, covering Mathematics (A-level), English (A-level), Science (GCSE), and Swedish (Business/C1).
· Proofread, edited, and translated (English to Swedish) complex technical documents, s.a. material for shareholder meetings, press releases, M&A documents, and other key communications.
· Guided a businessman to proficiency in Swedish, enabling him to conduct meetings confidently in the language after a year of lessons.
· Supported a student at risk of failing Mathematics (Nat4) to achieve their goal of studying Mathematics at university, resulting in acceptance to Birmingham in 2021.
· Elevated a student from the lower middle set in Mathematics to the top set, building confidence and competency.
· Assisted a student in moving from the second lowest set to the highest set in English over three terms.
· Prepared a student for Higher Mathematics GCSE, integrating first-year university linear algebra into the curriculum.
· Enabled several students to progress from no knowledge of Swedish to confidently working at a B2 level.

Language Assessor, TLS   08/2021 - 08/2023

· Conducted oral and written language assessments according to the MOD and FCDO standards.

Primary Teacher, West Lothian Council   08/2020 - 08/2021

· Adapted teaching methods and materials to meet the needs and interests of a class of more than 30 students, requiring constant critical evaluation of my own teaching to make improvements.
· Assessed, recorded and reported on child development, progress, and attainment to encourage continuous improvement against educational goals.
· Collaborated with colleagues to review data and develop instructional strategies to address student learning objectives.

Receptionist, Stockholm Kickboxing   12/2015 - 06/2016

· Solved administrative and customer service issues with knowledgeable assistance and friendly support.

Sales Assistant, Flying Tiger of Copenhagen   01/2015 - 06/2016

· Worked tirelessly to maintain efficient operations during peak trading hours, providing service with a smile, and offering courteous, helpful advice to meet customer needs.

ADDITIONAL ACTIVITIES

Certificate, TEFL UK   *04/2021 - 06/2021*
150h Teaching English as a Foreign Language

Edinburgh University Muay Thai   *09/2017 - 09/2020*
Coach (17-20), President (19-20), Secretary (18-19), Vice President (17-18)

Stockholm Kickboxing   *11/2014 - 06/2016*
Head Coach, Children's Group

LANGUAGES

Swedish: Native   **English:** Fluent

ADDITIONAL INFORMATION

Right to Work/Settled Status   **UK Driver's Licence**