

Nicholas Mayhew

[Personal Website](#) | nicholas@elstonmayhew.com | [GitHub](#) | [LinkedIn](#)

EDUCATION

Cambridge University | *Masters Degree at Peterhouse College*

Cambridge, UK

- Masters of Philosophy in Management at Judge Business School

Graduating June 2023

Stanford University | *Undergraduate Degree*

Stanford, USA

- Bachelors of Science in Computer Science, Concentrating in Human-Computer Interaction
- 4.05 GPA, Graduated Phi Beta Kappa (Academic Honour Society), Coaches' Association National Scholar-Athlete (2021)
- Highest Graduating Male GPA for Student-Athletes - *Block S Honors For Men (2022)*, three-time Pac-12 Academic Honor Roll
- Courses in Algorithms and Data Structures, Product Management, Public Speaking and Human-Computer Interaction

Graduated June 2022

PROFESSIONAL EXPERIENCE

Software Development Engineer Intern - Full-stack Developer

London, UK

Amazon | *Alexa Shopping Mobile*

July - August 2022

- Developed an internal Amazon service that processes and distributes iOS and Android builds after writing a technical proposal
- Programmed a React website; APIs and Java Serverless backend with AWS Lambda

iOS Software Engineering Intern

Washington D.C, USA

Full Measure Education | *Adora Product*

June - Sept 2021

- Maintained and upgraded all 8 iOS apps for Full Measure's Campus Visit Experience resulting in a 200% increase in usage over their iOS apps, with 4,200 tours taken a week
- Programmed stability improvements to see a 5 times reduction in crashes across all apps
- Overhauled navigation UI for on-campus and off-campus tours across all apps
- Implemented accessibility features to all apps

Computer Science Teaching Assistant

London, UK

Latymer & Stanford University

Oct 2017 - June 2018

- Developed, adapted and taught Computer Science classes in Python and Java ~ 200 students
- Taught and tutored Computer Science and Maths for 3.5 hours a week, resulting in a predicted C grade becoming an A
- Volunteered as a Teaching Assistant at Addison Primary School

PERSONAL PROJECTS

[Row Smart](#), *iOS Mobile Application*

June 2019 - Current

- Created a coaching assistant app in Swift by myself with online services and GPS capability

[Mini Flickr](#), *Full-Stack Web Application*

March 2021 - June 2021

- Built front-end and back-end of website using React, JS, CSS, HTML

Time Trialer, *iOS Mobile Application*

Jan 2016 - Aug 2016

- Taught myself Swift to develop a rowing race app as personal academic coursework
- Downloaded over 2,400 times

LEADERSHIP EXPERIENCE

Men's Rowing Captain, *Stanford University*

June 2021 - June 2022

- Coordinated collaboration with Stanford Rowing Association (alumni)
- Organised camps for 20-man squads, resulting in our inaugural preseason training camp
- Led team building, discussions and training plan for over 10 weeks

Boat House Captain, *Latymer Upper School*

September 2016 – July 2017

- Led 30-man squads, mediating coach-player and coach-parent conflicts developing patience, listening and communication skills

ATHLETICS

Scholarship Rower, *Cambridge University*

July 2022 – Current

- Training 25+ hours a week while obtaining a Master's degree

Scholarship 1st Boat Rower, *Stanford Men's Rowing Team*

September 2018 – June 2022

- Developed teamwork, communication and discipline in high-pressure environments
- Trained 25 hours a week while maintaining a rigorous academic schedule, ranking 5th at US National Championships

Rower, *Latymer Upper School & Thames Rowing Club*

September 2013 – July 2017

- Practised 20 hours a week for 6 years while working and studying

SKILLS

Technical: Swift, React, React Native, C/C++, Git, Java, iOS, Python, HTML, CSS, JavaScript, AWS (S3, Lambda and API Gateway), Restful APIs