

Glen Gronland

E-mail: glenrgronland@gmail.com **Mobile:** +44 7966 432916

Linkedin: <https://www.linkedin.com/in/glen-gronland>

A structural and molecular biologist turned frontend web developer, utilising my keen eye for details, aptitude for problem solving and passion for learning to build aesthetic and ergonomic websites.

Key skills

React.js – TypeScript – Redux – Tailwind CSS – SASS – C# – Python – FastAPI

Employment & Experience

Frontend web developer

September 2022 – September 2024

[AVAMAE Software Solutions Ltd](#)

- Used React.js, TypeScript, Redux and CSS to develop the frontend for the Hiring Manager, Candidate and Client Admin websites for a client's job board/ATS platform.
- Worked across the entire SLDC process, from assessing business requirements from the client, to creating tickets and deploying code to production
- Consumed RESTful APIs as well as various React hooks to ingest and display data in real time
- Contributed to library of reusable React components and helped maintain and adapt entire modules for calendar and booking systems to meet the client's product expansion aims
- Used InVision, Adobe XD and Figma to translate UX wireframes into fluid web interfaces
- Maintained production, fixing show-stopping and cosmetic bugs after only three months
- Accelerated to lead frontend developer on project within 6 months, taking on pivotal role in implementing large-scale features and driving architecture
- Managed urgent ad-hoc client requests alongside monthly sprint deliverables in an agile manner, using Azure Boards to scope, estimate, prioritise and track work items
- Implemented code through Git for version control and collaborative work

Post-doctoral researcher

May 2021 – March 2022

[University College London](#)

- Developed research undertaken in PhD project, and laid out groundwork for submitting findings to a research journal for publication.

Website development

June 2013 – July 2013

- Helped build a website with a small team as part of a six-week project that allowed UCL biochemistry students to practice maths-based exam questions.
- Efficiently learned and utilised HTML, CSS, JavaScript, PHP, MySQL on-the-job with no prior coding experience.

Education

PhD – Structural and Molecular Biology

September 2016 – April 2021

[University College London](#)

- Employed an integrative structural and biophysical approach to characterise how the multi-functional Syncrip protein can differentially recognise specific RNA targets.
- Broadened scientific skills through 4-month rotation projects in three laboratories specialising in NMR spectroscopy, mass spectrometry and fluorescence microscopy.

MSci – Biochemistry (First Class Honours)
University College London

September 2012 – June 2016

- **Topics included:** Biochemistry, Structural and Molecular Biology, Microbiology, Immunology, Virology, Chemistry, Metabolism, and Genetics.
- Awarded the Undergraduate Research Symposium Oral Prize for presentation of final year project.

A-levels
Haringey Sixth Form

September 2010 – July 2012

- A-levels in Mathematics (A*), Biology (A) and Chemistry (A). AS-level in Psychology (B).
- Recipient of the Jack Petchey Achievement Award (April 2011) and local Ryan Rodgers “Outstanding Scientist” award (May 2012).

Soft skills

Analytical thinking

- Designed, optimised and implemented methods to tackle questions at forefront of research field, and extracted key information from complex datasets to generate novel findings.
- Published a review evaluating available literature on research field, highlighting current challenges and exploring future perspectives (Biochemical Society Transactions, 2017).

Oral Communication

Scientific Presentations

- Confidently convey and discuss complicated concepts through clear and concise language.
- Years of practice in presenting to team members at regular group meetings, scientific colleagues at departmental seminars and through posters at several research conferences.

Public Engagement

- Volunteered with the Modern Muse charity in 2018 and 2019 to inspire teenage girls interested in pursuing STEM careers by showcasing the role of a structural biologist and providing career advice.
- Helped run an interactive event for Year 3 students at Duncombe Primary School in 2014 to learn about forces and designing experiments through a fun “Meteor Strike” activity.

Organisation and Management

Structural and Molecular Biology Laboratory (2016 – 2022)

- Efficiently planned and prioritised workloads around the numerous time-constraints of the PhD, such as timeslots for one of the three most-advanced NMR instruments in the UK.
- Trained and supervised a student for a summer project, as well as several new team members in operating intricate laboratory equipment, whilst meeting own deadlines.

London RNA Club (2017 – 2023)

- Responsible for co-ordinating the monthly forum in London for cutting-edge research in RNA biology, in addition to introducing speakers and chairing questions.
- Managed the club website (<https://londonrnaclub.uk/>), email newsletters, and helped organise special events such as keynote speakers and a “News and Views” writing competition.