

Andrew Huggett

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Personal Statement

I am a hardworking software engineer who has previously worked in roles for Google and Diffblue. At Google, I worked on a team focusing on web search in emerging markets, whereas Diffblue specializes in automating unit testing in Java. My past roles have given me a great amount of experience and knowledge of developing in professional agile environments, both with startups and corporate companies, with cutting-edge frameworks and infrastructure. I have primarily used Java and Typescript, and I am well versed in HTML, CSS, React JS and Kotlin.

Experience

Google, Apprentice Software Engineer: October 2018 - October 2021

- **Worked with Android to maintain and improve [Google Go](#)**
 - Led project adding required safety features for around 360k [underage accounts](#)
 - Unified the UX for Google Assistant - improving onboarding and message caching
 - Implemented logging for the process of >300k daily user downloads in the app
- **Used internal frameworks alongside Typescript, CSS and Kotlin to create an immersive PWA to improve the Android [Google Search app](#)**
 - Led efforts towards implementing a key product feature to improve search result coverage
 - Designed both UI implementation and back-end integration with partner features and GWS

Diffblue, Senior Software Engineer: March 2022 - Present

- **Awarded with 2 promotions in as many years to become a senior software engineer**
- **Maintained and improved the UX of automated [Java test creation within IntelliJ](#)**
 - In charge of recreating our primary UX workflow to allow users to review and accept tests
 - Including designing complete mockups and prototypes with Figma
 - Improve our interface allowing users to improve their code environment for better test coverage
- **Crafted an interactive web app allowing users to visualize and improve test coverage**
 - Used Spring Boot to provide custom endpoints for fetching data, complimented by SQL queries
 - Crafted stylish graphs using first [Redash](#), then [visx](#) alongside Bootstrap and custom Sass
 - Processed coverage information in XML and JSON, including parsing JaCoCo coverage output

Skills

- Comfortable with an agile workflow - experience collaborating across UX, QA, research and other partner teams
- Knowledgeable in testing, having implemented many unit and integration tests to ensure good code coverage
- Maintained, reviewed and promoted best practices for software development

Education

Higher Level

The Open University

- BSc (Hons.) Digital and Technology Solutions | 2:1 (2021)
- Foundation Degree in Digital Innovation | Distinction (2020)

A-levels & GCSEs

Sackville School, East Grinstead

- AAB A-Level grades (2018)
- 12 A*-C GCSE grades (2016)

Personal Interests

I enjoy football, strategy games and playing guitar in my free time. I'm also keen on gardening and running, especially in the good weather.