

Rayhaan JAUFERALLY

PERSONAL DATA

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WORK EXPERIENCE

Jun - Sept 2017 <i>Sunnyvale, California, U.S.A.</i>	Site Reliability Engineering Intern at GOOGLE <i>Hangouts SRE team</i> Worked on the SRE team responsible for the Hangouts product line, including public Gmail users and enterprise customers. Project undertaken was to design automation for automatic failure simulation to investigate the reliability of the product in the face of various backend component failures.
Jun - Sept 2016 <i>Mountain view, California, U.S.A.</i>	Site Reliability Engineering Intern at GOOGLE <i>Disaster Recovery Testing SRE team</i> Worked on automation to test the resilience of services with respect to unexpected dependency failures; Worked on a library to inject errors and latency into arbitrary RPC calls; Implemented prototype to automatically run automated tests against predefined services periodically.
Jun - Oct 2015 <i>London, England</i>	Software Engineer Intern at GOOGLE <i>Android Runtime and Tools team</i> Worked on migrating Java core libraries to use ICU4J internationalization library instead of the existing C++ implementation. Integrated ICU library tests into android compatibility test frameworks. Made improvements to the Vogar device testing tool.
Jun - Sep 2014 <i>Zürich, Switzerland</i>	Software Engineer Intern at GOOGLE <i>Search pipeline diagnostics team</i> Implemented tools to fetch URL samples from search logs, as well as provide more detailed information about archived metadata. Created log processing system to analyze the performance of the team's web application. As a side project worked on a new dashboard.

EDUCATION

SEP 2016 – MAR 2019 <i>Zürich, Switzerland</i>	Master of Science in Computer Science, <i>Eidgenössische Technische Hochschule (ETH) Zürich</i> General Track, Thesis supervised by Prof. Dr. Adrian Perrig, Network Security Group.
SEP 2013 – JUN 2016 <i>England</i>	Bachelor of Science in Computer Science, <i>The University of Warwick</i> Graduated with first class honors.
2011 – 2013 <i>Singapore</i>	International Baccalaureate Diploma Awarded 38 points total (maximum 45) 7/7 Higher Level Computer Science.

TECHNICAL KNOWLEDGE

Programming languages: Primary: Java & Go; Intermediate Python, C++;
I am familiar with, and enjoy writing networked distributed applications, managing Linux based systems, and exploring system internals.

MISCELLANEOUS

Fluent in French. Sports interests include: cross country running, cycling, hiking.