ALEXANDRA STROMPOVA

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EDUCATION

University of Glasgow   **Sept 2019 – May 2024**
Master of Science in Computing Science
- **Prize** for the best Level 3 Honours Team Project awarded by the School of Computing Science
- **Level 4 project** Network Pentesting using a Raspberry Pi to automate MitM attacks on ICS network communication
- **Level 5 dissertation** Analysis of Stable Diffusion with ControlNet for QR Code generation user study

Gymnázium Šrobárova 1 Secondary School   **Sept 2014 – Jun 2018**
Mathematics, Computing Science, English, Slovak, final grades AAAA
- **Award** from the principal for exceptional contributions, organisational skills and management of school activities

SKILLS

Languages	English, Slovak, Czech: fluent, Russian: advanced, Hungarian: beginner
Management	strategic planning, agile, stakeholder management, user experience design, market research, data analysis
Tech Stack	Python, Java, SQL, JavaScript, Dart, Bash, Go, Rust
	IntelliJ, VS Code, Eclipse, Android Studio, Atom, PyCharm, Jupyter, Google Colab, MySQL
	Git, Spring, Flutter, Google Cloud Platform, Docker, Linux, Unix shell, WireShark, Virtual Box, Figma,
	LaTeX , Bootstrap, Power BI, everyday graphical applications e.g. Trello, Slack, Asana, MS Office

EXPERIENCE

Visa Inc. Innovation Center   **Jun 2023 – Aug 2023**
Software Engineering Intern
- Developed a portal for Paris Olympics app to allow users upload content working closely with designers and engineers
- Implemented front-end, ensured back-end integration using Agile in 6 two-week sprints in a team of 9 senior developers

Publicis Sapient   **Jul 2022 – Sept 2022**
Software Developer Intern, Recognized as 'Star of the Month' for outstanding contributions to team success
- Lead of 7 interns in database development, using Google Cloud Spanner overseeing critical component integration
- Facilitated communication between front-end and back-end teams for deployment, using Kubernetes Engine and Jenkins

University of Glasgow   **Sept 2021 – May 2022**
General Teaching Assistant
- Organized and led laboratory groups of 15+ students, utilising team management and stakeholder communication skills
- Developed course materials for 20 hours of classes, promoting creative problem solving in Python and DB Management

EXTRACURRICULAR ACTIVITIES

Cyber 9/12 Strategy Challenge   **Nov 2023**
Competitor, Leader of team of 3
- Presented and developed a government policy analysis focused on positioning and packaging, tailored to a threat scenario
- Won the Best written policy brief out of 11 teams selected by a panel of 5 senior judges

Glasgow University Society For Women in Tech +Allies   **Aug 2021 – Aug 2022**
Student Ambassador, Event and Social Media Manager
- Delivered career workshops for 40+ students, orchestrated a marketing strategy that increased the user platform by 25%
- Outreached to and collaborated with representatives from J.P. Morgan and Goldman Sachs, secured 80% of society funds

Google   **Jul – Aug 2021**
Get Ahead Program Participant
- Solved 6 weekly challenges in Java, focused on logical problem solving in dynamic programming and data structures

PROJECTS

UI Consistency Checker | *Agile, Scrum*   **Sept 2021 – March 2022**
- Managed a team of 5 using Agile and Scrum methodologies in quick iterative fashion across 20 weekly sprints
- Collaboratively developed a customer tailored browser extension to ensure user interface consistency
- Developed user personas emphasizing user experience, documented product roadmap aligned with customer requirements

Pokémon Battle | **Sept – Nov 2020**
- Employed sub-problems approach using Swing GUI to solve complex problems, managing the product timeline effectively