RON STUCHEVSKY

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EDUCATION

Carleton University   Ottawa, ON
Computer Science B.C.S Honours, Computer and Internet Security   *Sept. 2020 – Dec. 2025*
- **GPA**: 3.9/4.0
- **Awards**: Deans' Honour List 2020 – 2024

WORK EXPERIENCE

FullStack Software Engineer Intern   May. 2024 – Dec. 2024
JSI Telecom   *Ottawa, ON*
- Led a high-impact migration of a critical file management application from Angular 16 to 17, enhancing performance, reducing boilerplate, and improving maintainability and scalability across JSI's core components.
- Migrated several components from a team-specific Angular application to a shared library for reuse across teams leading to reduced redundancy to streamline future development efforts.
- Resolved customer-reported bugs and delivered tailored solutions, ensuring customer satisfaction and contributing to a significant reduction in task backlog. Achieved a 26% decrease in average bug resolution time.
- Collaborated across teams to address technical debt and implement modern Angular features like signals, optimizing state management and application reactivity. Resulted in a 20% improvement in application performance metrics.

Software Engineer Intern   Jan. 2024 – Apr. 2024
Ross Video   *Ottawa, ON*
- Designed and deployed packaging utilities, enabling seamless firmware updates for Ross Video's hardware products, significantly reducing update time and minimizing system downtime during updates.
- Diagnosed and fixed multi-threaded race conditions in production systems by implementing mutex locks, ensuring stability and reliability for mission-critical applications.
- Analyzed and debugged intricate issues reported by customers, delivering impactful fixes that strengthened software reliability and reduced customer support tickets by 15%.

Software Engineer Algorithms and Business Applications Intern   May 2023 – Sep. 2023
Kinaxis   *Ottawa, ON*
- Engineered an internal extension that allows to save specific state inside of the Kinaxis RapidResponse application and load it back up inside automation tests using C++.
- Improved customer reported issues resolution for more time efficient data retrieval for QA when dealing with customer reported issues on large scale.

Software Developer Engineer in Test Intern   Sep. 2022 – Dec. 2022
Jatom Systems Inc.   *Ottawa, ON*
- Expanded the existing emulator written in C++ used by automation framework to handle the reception of TCP messages of various ETSI protocols for data forwarding applications.
- Designed and implemented new automation tests using Robot Framework, increasing code coverage by 60%.
- Wrote an internal tool in Python to follow TCP streams of large sized files that helped facilitate analysis of the file's contents and performed more efficiently than Wireshark's built-in options.

PROJECTS

Video Game Bundles Store | *Node.js, Express, SQL, Pug*
- Developed a full-stack web application using Express serving a REST API, Pug for server side rendering and Sqlite3 for data storage.
- Visualized user queries of database to show relevant content.
- Implemented Express OAuth to get user specific data from database.
- Allowed user to purchase bundles and add them to their profile reflecting that in the database.

TECHNICAL SKILLS

Languages: Java, Python, C, C++, SQL, JavaScript, TypeScript, HTML, CSS
Libraries/Frameworks: Angular, Node.js, MongoDB, React, Next.js, Express, Robot Frameowrk, Karma
Other Technologies: Postman, Kubernetes, UML, Git, Wireshark, Jenkins, Confluence, VMware, Testrail, Visual Studio, Qt