

NAGMA KAPOOR

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PROFESSIONAL EXPERIENCE

Software Developer

Data Security, IBM Canada

May 2020 – Present

- Developed reusable and composable React UI components for a security web application using IBM Carbon components with Next.js
- Built gRPC and REST APIs using Golang (Go) on the backend while following unit testing standards
- Collaborated locally with a team of developers, and globally with design, offering management, and architects remotely

Software Developer, Intern

Guardium, IBM Security

May 2017 – April 2020

- Developed reusable and composable Angular 4+ UI components
- Upgraded web application to include accessibility using a11y, and followed standards for unit testing in Jasmine
- Updated Codecept.js testing environment to improve developer experience
- On-call for any UI related bugs or escalations
- Improved web application performance on a Node.js and CouchDB backend
- Developed reusable and composable React UI components using echarts and Next.js
- Built gRPC and REST APIs using Golang (Go) on the backend while following unit testing standards
- Collaborated locally with a team of developers, and globally with design, offering management, and architects remotely

EDUCATION

B.Sc. Computer Science; GPA: 3.26/4.33

Ryerson University 2020

B.A Cell Biology & Neuroscience; Minor: English

Rutgers University 2014

TECHNICAL SKILLS

LANGUAGES: TypeScript, JavaScript, Go, Java, C, HTML/CSS, C++

FRAMEWORKS: React, Angular, Node, Express, Jasmine, Next.js, Protobuf for Go

DATABASES: CouchDB, MongoDB

VERSION CONTROL: git/GitHub, fossil

OTHER TECH: JIRA, ZenHub, Mac OS, Windows, Unix/Linux, Protocol Buffers, gRPC, REST

PROJECTS

P2P Photo Sharing Network

- Developed a simple peer to peer shared photo album with a distributed directory in a group of 3 for CPS 706: Computer Networks I
- Built the UDP connection that utilized multi-threading, between each P2P Client and P2P Server with a simple UI

Civil Report Map

- Designed & developed a web app using Node.js, MongoDB, Express.js, and JavaScript/HTML/CSS for civilians and civil servants to report issues in the Toronto area for CPS 406: Intro to Software Engineering
- Embedded google maps on the front-end, added user authentication and registration with Passport.js and MongoDB on the backend

ACHIEVEMENTS & EXTRACURRICULARS

Mentor, Kids Who Code

IBM Team Hackathon Winner: Watson Bot, 2018

Ryerson University, Deans List 2016-2017