

Andrii Bohdan

+1 (647) 773-6602 | bohdan.andrii@gmail.com | linkedin.com/in/andrii-bohdan/ | github.com/4rgc/

EDUCATION

York University / Bachelor of Science in Computer Science Toronto, Sep 2019 – Aug 2023 (Exp.)

Relevant courses: Data structures, Computer Organization, Advanced OOP, Software Design, Intro to Database Systems, Design and Analysis of Algorithms, Data Mining

STEP Computer Academy / Software Development Kyiv, Sep 2016 – Jun 2018

Relevant courses: Cisco IT Essentials, CCNA1, C programming, OOP with C++, C#, WinForms, ADO.NET

EXPERIENCE

Autodesk ShotGrid / Software Developer (Part-Time) Montreal – Remote, May 2022 – Present

- Developed a highly customizable web-based project management app for >50K artists in the entertainment industries, specifically VFX, animation, and film production
- Improved the stability of the developer-facing **JS** infrastructure, resulting in an **11x** faster build script runtime by optimizing the usage of **Webpack** and **ESLint/Prettier**
- Upgraded to Node.js **v16**, resulting in a further **~200%** improvement in the speed of build/test scripts and fixing **46%** of vulnerabilities

Autodesk ShotGrid / Intern, Full-Stack Developer Montreal – Remote, Sep 2021 – Apr 2022

- Using **Karma** for unit tests and **Cypress** for integration testing, fixed complex UI bugs and extended the functionality of core UI components
- With a squad delivered an Earliest Testable Product and an MVP of a strategic feature that allows saving and restoring page settings using **React/Storybook** on the front-end and **Ruby on Rails** on the back-end

PROJECTS

Trellzo (in development)

- Created a full-stack replica of the well-known Trello task management service using the **MERN** tech stack
- Implemented a stable CI/CD pipeline using **GitHub Actions** and **Docker** multi-stage builds to deploy both servers on **DigitalOcean**
- Ensured both the **NGINX** front-end server and the **Express.js** API can be accessed through **HTTPS** and are protected with **Cloudflare**
- Reduced boilerplate in React components by using **React Query** and achieved 90% coverage with **Storybook** and **React Testing Library**

Treasure Island – *Aye Aye Hackers Hackathon, 1st place in the First-Time Teams Category*

- Browser game*, where the player has to locate the treasure on a map, generated with the random walk algorithm
- Written using **Node.js** and **Express.js**, leveraging browser cookies to store **user authentication** data in **JWT** tokens

eduCater – *Def Hacks Hackathon*

- Web application, made to *simplify the Q&A process* in online education by allowing students to post questions about sections of the lecture material
- Implemented with **Node.js**, **Express.js**. Stores user data in **MongoDB** and **AWS S3**. Authenticates users with **Firebase**

Random Utilities

PDF to Anki deck converter – parses a PDF with words from my Japanese class and outputs a deck of flashcards for the Anki app. Written in **Python**

Bank statement parser – converts a standard transaction list CSV file from my bank to a TSV file, that can be later imported into a finance management app. Written in **TypeScript**

SKILLS

Languages: TypeScript, JavaScript, HTML/CSS, Python, Ruby, Java, C/C++, C#

Frameworks and tools: Node.js, Express.js, React.js, Cypress, Docker, Jenkins, React Native, SQL, Git, AWS, Bash

Other skills: Native in Ukrainian, Russian. Fluent in English. Proficient in Japanese (JLPT N3).