

**Alexander Chudinov** Bachelor of Science @ University of British Columbia (2020-Present)  
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[www.github.com/alexander-chudinov](https://www.github.com/alexander-chudinov) [www.youtube.com/channel/UCfmBuVIPilqa6X8VDvFZLvq](https://www.youtube.com/channel/UCfmBuVIPilqa6X8VDvFZLvq)

## Work Experience

### **BIMStudio Inc**

**Software Developer** (Winter 2020)

Developed React application implementing Autodesk Forge

**Software Developer** (Fall 2020)

Developed ThreeJS interior design application

### **Sweater Planet**

**Web Development Intern** (Spring 2020)

Created internal sweater design tool using React and TypeScript

### **WZMH Architects (Summer 2019, Spring 2020)**

**Software Consultant** (Spring 2020)

Wrote ReactNative app and firmware. Worked on hardware prototypes and designed a circuit board for BlackBox5.

**Assistant Computer Programmer** (Summer 2019)

Created software products from scratch for Project Heron. Software included : Digital BIM Twin, AR Architecture Review App.

## Projects

### **Garffiti**

Created an augmented reality virtual graffiti app.

<https://www.youtube.com/watch?v=PybM63Q854o>

### **ChauveSouris**

Made a drone attachment that maps terrain.

<https://alexanderchudinov.com>

### **Portfolio Highlights (15 Projects)**

<https://alexanderchudinov.com>

**Fluent Languages** English, Russian, French

## Engineering Teams

**UBC Unmanned Aircraft Systems:** Software, Admin

**UBC Orbit Satellite Design Team:** Hardware

## Technical Skills

### **Languages**

C++, Python, JavaScript, HTML & CSS, Swift, Bash, MySQL

### **Libraries and Frameworks**

React, ReactNative, Express, Pug (Jade), TensorFlow, Keras, NumPy

### **Environments / Platforms**

MacOS, Windows, Android, iOS, Linux (Debian, Ubuntu, CentOS, Kali), NodeJS

### **Hardware Experience**

Soldering, Schematic & PCB Design, 3D CAD Modelling, Rendering, Simulations

## Academics

### **The University of British Columbia**

Bachelor of Science (2020-Present)

### **Erindale SS**

IB Diploma : 90%

### **Father Michael Goetz SS**

Russian Courses : 90%

### **Udemy Courses:**

Ethical Hacking From Scratch, TCP/IP Training, C++, Advanced JavaScript & ES6, Tech Basics : Cables & Connectors, Intro to Business Law, Drafting a Provisional Patent, React and Redux