

# Satyak Handa

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## EDUCATION

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**University of British Columbia** | B.S in Computer Science and Statistics | GPA: 3.7

Expected Jun. 2022

- *Philanthrope Chair*, Alpha Kappa Psi; *External Officer*, Science Student Society
- Relevant Courses:
  - Software Construction[Agile/Scrum, Design Patterns]; Advanced Algorithms[Data Structures, Algorithm Design], Computer Architecture[Software Architecture, Operating Systems], Machine Learning[Random Trees, KNN, Linear Regression], Time Series[Stochastic models, Autoregression]

## EXPERIENCE

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### Later

May 2021 - Aug. 2021

iOS Developer Intern | Vancouver, BC

- Developed multiple high-priority prototypes and one full fledged feature (from the design to the implementation) that was rolled out to thousands of users for the iOS application. Worked closely with product, backend, and design teams on prototyping and production implementations.
- Actively contributed in the development, testing, and bug fixing for multiple application version rollouts
- Set up in-application events to responsibly collect and understand user data for future iterations on feature updates

### Innovation Minds

May 2019 - Aug. 2019

Web Developer Intern | Fremont, CA

- Built custom social media dashboards for landing page using Angular, Bootstrap, and HTML/CSS
- Increased customer response rate 60% by utilizing javascript libraries to responsively switch between desktop and mobile view of feedback survey
- Identified and resolved bugs in main UI, improving overall user experience

### Chois Martial Arts

Jun. 2014 - Jul. 2018

Assistant Master | Fremont, CA

- Taught and created lesson plans for classes averaging 25 students. Led the demonstration team to multiple tournaments earning finalist standings and expanded community involvement by performing at local events
- Established a recurring partnership with Children's Hospital of Oakland to hold annual fundraisers raising over \$75,000

## PROJECTS

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### Smart Security Systems - Video Storage Software (personal)

- Developed backend security APIs to extract metadata from video files and store in a cost-effective manner. Used Google Detection API's, Java, Python, MongoDB, and Yuvis Media Management Database to extract/store data.
- First place winner at Yuvis Hackathon.

### insightUBC - Metadata Querier (academic)

- Built a query machine to query UBC metadata to better construct course timetables. Build a webserver and RESTful APIs to host and update the query machine from the frontend

### Price Aggregator - Web App (academic)

- A web app built on the MERN stack designed to aggregate online prices through scraping data and accessing retailer APIs in order to centralize online shopping through one platform.
- Specifically worked on finding the API's and loading in data to existing frontend components. Also worked on filtering the data by retailer, and other bugs throughout the backend.

More projects available at <https://github.com/satyakhanda>

## SKILLS

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Java, C, C++, Python, R, Javascript, HTML, CSS, Typescript, SQL | Bootstrap, Git, JUnit | RESTful APIs