

Paul Kania-Rozehnal

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EDUCATION

CONCORDIA UNIVERSITY

B.ENG IN CIVIL ENGINEERING

April 2019 | Montréal, QC

Cum. GPA: 3.63 / 4.3

Major GPA: 3.40 / 4.3

FoC Academic Scholarship Recipient

Research Position Under Dr. S. Rahaman

UPPER CANADA COLLEGE

May 2010 | Toronto, ON

Varsity Soccer Vice-Captain

COURSEWORK

ONLINE

Stanford University

Intro to Network Engineering

Intro to DS and Algorithms

Misc.

AlgoExpert.io - Algorithm Training

DataCamp - DataScience Courses

UNDERGRADUATE - AUDITED

McGill & Concordia University

Operating Systems

Algorithms And Data Structures

Fundamentals Of Computer Graphics

Software Design

Introduction To Cryptography

Introduction To C++

SKILLS

PROGRAMMING

Proficient:

Python 3 • C++ • Ruby On Rails

Javascript • HTML • CSS • Lighthouse

Comfortable:

React • Git • Go • Bash • Heroku

OLC Engine • Unity • Unreal

PGP • Regex

Familiar:

AWS • PHP • Wireshark

LANGUAGES

Proficient:

English

Comfortable:

French • Czech

LINKS

Personal Site:// [Paul Kania](#)

Github:// [Paul Kania](#)

Gmail://[Paul Kania](#)

Linked In:// [Paul Kania](#)

Stack Overflow:// [Paul Kania](#)

TECHNICAL PROJECTS

2D BALL PHYSICS SIMULATOR C++ | OLC PIXEL GAME ENGINE

Nov 2019

- Includes collision detection, drag+drop functionality, drag+click shooting, gravity, friction.

MICROBLOG WEBSITE | RUBY ON RAILS | GIT | HEROKU | AWS

October 2018

- Users are able to post content on their home page and friends pages.
- Site includes dynamic pages, site navigation, user sign-up with mailers, regex validity parsing, password hashing, password reset, cookies, sessions, robots.txt.
- Introduced to test-driven development and REST / RESTful practices.

MISCELLANEOUS GAMES PYTHON 3 | C++

November 2019 – Present

- Twitter Bot [Python] that retweets original content of Blockstream employees.
- Dead Man's Switch [Python] based off the age of a twitter user's most recent activity, using the Twitter API, SMTP, and bash/batch.
- XKCD Web Scraper [Python] built to download the entirety of xkcd's comic collection.
- Console Based BlackJack [C++], Connect-4 [C++], Tic-Tac-Toe [Python]

ACCOMPLISHMENTS

2019 ADVENT OF CODE PYTHON 3

December 2019 – Present

- 95th percentile finisher in a Christmas-themed online challenge.
- Excellent open-ended problem solving training that tested my skills in problem conceptualization & tool-selection.
- Techniques used include utilizing graph data structures, recursion, and complex hash-maps.

HALITE III COMPETITOR PYTHON 3

December 2018

- Bot ranked 1173/2943.
- Reinforced knowledge about absolute/relative position mapping, classes, class inheritance.

WORK EXPERIENCE

TECHNOLOGY EVALUATION CENTERS CONTENT SPECIALIST

October 2019 - January 2020

- Catalyzed a productivity increase by introducing regex to content processes.

OTHER WORK

- Quality Control Technician - E.Construction - Alberta - Summers of 2018,2019.
- Bike Courier - Foodora - Montreal, Vancouver - Over 12,000 km 2017-2020.
- Tree Planter - Summit Reforestation LTD. - British Columbia - Summer 2016.