

Daniel Kohn

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PROJECTS

gitlet | *Python, data structures and algorithms*

- reimplemented many of git's core features in python
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Link-tree clone | *Svelte/SvelteKit, Bulma CSS, Node.js, MongoDB*

- Built a clone of the popular site Linktree that allows users to generate a custom site that contains all of their links to their social medias
- Used Svelte, Svelte DnD, and Bulma CSS to build an interactive front end and
- Stored data in a MongoDB database
- Built a session based authentication system from scratch using bcrypt to salt and hash user passwords

Django Chat application | *Python, Django, Javascript, SQLite, Bootstrap CSS*

- Developed a full-stack chat application with the Django framework
- Utilized the django-channels library to create a realtime WebSocket connection to allow users to send and receive messages and notifications
- Stored user data and messages in a SQLite database

Other: Periodic Practice Quiz, Personal Cloud, Final Project

SKILLS

Languages: Java, Python, SQL (SQLite, MySql), MongoDB, JavaScript, HTML/CSS

Frameworks: Svelte/Sveltekit, Node.js, Flask, Django, Bootstrap css, Bulma css

Developer Tools: Linux (arch, ubuntu), bash, Vim, VS Code, Git/Github

Human Languages: English(native), French (fluent)

WORK EXPERIENCE

Lifeguard

Summer 2021, 2022, 2023

Viking Pool

Pointe-Claire, QC

- Ensured the safety of swimmers and maintained the facilities
- Taught swimming lessons and diving team

EDUCATION

University of Waterloo

Waterloo, ON

Candidate of Bachelor of Computer Science

2023 – 2028

Vanier College

Montreal, QC

Incomplete - DEC in Computer Science and Mathematics

2022 – 2023