DYLAN TINIANOV

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in dylan-tinianov   ⦿ DylanTinianov   📍 Toronto, CA

SOFTWARE ENGINEERING

- Experienced in object-oriented programming, unit testing, software architecture, debugging and troubleshooting, GUI implementations, source control, and code documentation
- Self-taught knowledge of advanced cryptography and its implementations
- *Technical Tools:* Python, C, C++, CoffeeScript, JavaScript, HTML5, CSS3, Arduino, Bash, Unix, Linux, Windows OS, Mac OS, Git, Github, Bitbucket, SVN, Travis CI, Atom, Xcode, Jet Brains IDEs, vi, Energia, MS Office Suite
- *Frameworks and Libraries:* Socket networking, Tkinter, textblob, NLTK, NumPy, SciPy, pytest, stringscore, jinja2, W3.CSS

PROGRAMMING PROJECTS

RSA ENCRYPTION SOFTWARE

- Implemented an RSA encryption for a host to encrypt and send text files over a network socket to be decrypted and stored by a client. Includes a GUI.
- Technology: Python, OOP, socket networking, regression testing, Github, Travis CI, Tkinter

INTERPRETER

- Created an interpreter to parse and compute multiple mathematical operations on input
- Technology: Python, OOP, unit testing, Github, Travis CI

CHAT BOT INTERFACE

- Created a chat bot interface to connect to the University of Waterloo open data API
- Technology: Python, OOP, Bash, Github, NLTK, Waterloo API, textblob, stringscore

AUGMENTED MATRIX SOLVER

- Created a systems of linear equations solver to run on a Tiva C board
- Technology: C, Energia, Tiva C hardware, SVN, Github, linear algebra

PERSONAL WEBSITE

- Technology: HTML5, CSS3, JavaScript, Github, W3.CSS

WORK EXPERIENCE

SOFTWARE MANAGER – FINE DECOR INTERNATIONAL INC. [SEPTEMBER 2014 – SEPTEMBER 2016]

- Reformatted and partitioned computers; installed operating systems; inputted data

EDUCATION

UNIVERSITY OF WATERLOO – Waterloo, CA

- Candidate for a Bachelor of Software Engineering (BSE), 2021

ACTIVITIES AND INTERESTS

- Playing guitar, bass, drums, piano, and singing; composing, recording, and mixing music
- Check out "Fight it Off"- Dylan Tinianov on iTunes, Spotify, etc.