Stef Dunlap



Programmer

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○ GitHub

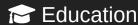
<u>motevets</u>

Mastodon
kindrobot@tiny.tilde.website

 Stack Overflow kindrobot

W Wikipedia Motevets

in LinkedIn theyellowdart



Purdue University 2009-01 - 2012-05 Bachelor of Science Computer & Information Science GPA: 3.9

¶ Summary

Stef is a freshly minted Canadian permanent resident with a love of teaching, smiling, and programming. She's available for sponsor free work in Canada and the US. Stef enjoys intentional community, software as art, and making things with her hands (and 3D printer.)



Focal Point NDE Technologies

2022-09 - Present

Computer System Analyst

Focal Point along with its sister company UTEX, make software that inspects assembled parts using nondestructive examination technologies (e.g. ultrasound, radiography, eddy currents) and identifies defects before they are put into production.

- Implemented testing framework and CI for a legacy C++ application
- · Coached Agile methodologies
- Migrated team to git version control, and taught git workflows
- Organized hiring effort, and coordinated hiring of two engineers

(C++) (Windows devops) (hardware) (git) (hiring) (testing) (CI/CD)

Chisel Al

2022-01 - 2022-08

Manager of Software Development

Led team of five engineers building machine learning application which extracts insurance data from policies, quotes, and binders to eliminate errors and omissions.

 (management)
 (Agile coaching)
 (machine learning)
 (AWS lambdas)
 (Comprehend)
 (Rekognition)

 (CloudWatch)
 (Textract)

Pivotal Software

2017-02 - 2019-12

Engineering Manager, Pivotal Software

Led team of seven engineers across multiple projects related to authorization, automated infrastructure deployment, and user onboarding.

Ruby-on-Rails cloud infrastructure Linux devops (Kubernetes Docker) (React.JS) (Golang eXtreme Programming) (paired programming) (CI/CD)

KiwiDonut LLP.

2016-04 - 2017-01

Founder

Led a team of engineers consulting on Node.js API for integrating a frontend with a cloud contract signing service and land management application

management (teaching) (React.JS) (Node.JS) (test driven development) (Agile coaching)



Web Development

Master

React.JS Node.JS JavaScript

 $\operatorname{\mathsf{Golang}}(\operatorname{\mathsf{CSS}})\operatorname{\mathsf{Ruby-on-Rails}}$

[JAM Stack](SQL)(PHP)

static site generation

Linux DevOps

Advanced

Linux Docker Git CI/CD

[Kubernetes] [automation]

Extreme Programing

Advanced

pair programming

Agile planning

short feedback loops

Desktop Programming

Proficient

[Golang][C/C++][Rust]

Machine Learning

Familiar

neural networks

[computer vision][OpenCV]

[Tensorflow]

▲ I Languages

English

Native speaker

German

Proficient

French

Intermediate



Making

recreational programming

[3D printing] [self-hosting]

paper craft

Intentional community

[pubnixes] [volunteering]

service hosting

Pivotal Labs

2015-04 - 2016-04

Senior Software Engineer

Lead engineer of the Pivotal Cloud Foundry Billing and Account Management team

(teaching) (Ruby-on-Rails) (JavaScript) (CI/CD) (API design) (eXtreme Programming)

[paired programming] (SQL)

Independent Contractor

2014-02 - 2015-02

Software Engineering Consultant

Designing, programming, and testing APIs while teaching co-workers test driven development.

(teaching) (Ruby-on-Rails) (PHP) (JavaScript) (Node.JS) (test driven development)

Roadtrippers

2013-01 - 2014-01

Software Developer

Back end Ruby on Rails and dev-ops developer for successful travel planning start-up in Cincinnati.

- Created and maintained cloud infrastructure automation
- Orchestrated code and data migration from MongoDB to PostGIS

Ruby-on-Rails (test driven development) (JavaScript) (SQL) (mongoDB) (PostGIS) (Linux devops)

MediaFuel

2011-01 - 2012-08

Web developer

Linux devops (PHP) (SQL) (JavaScript)

Ransburg Scout Reservation

2005-05 - 2012-08

Technology Consultant

Seasonal summer work developing and maintaining applications and infrastructure for camp operations

Java PHP SQL Windows devops

Volunteer

Black Girls Code

2018-06-15 - Present

Instructor

not-for-profit organization that focuses on providing technology education for African-American girls

teaching mentoring robot SDKs game development JavaScript



Springboard

2022-05 - 2022-07

https://firehose.kindrobot.ca

A Spring83 client

- Client for new experimental social web protocol
- Delivered feedback for future protocol improvements

Cryptography Golang API Design Web service federation

Mintwise

2019-12 - 2020-06

https://tilde.town/~kindrobot/post/mintwise/

Bridges transaction data from Mint into Splitwise

- Let's user select with transactions within a period are splittable
- Automatically populates Splitwise transactions

Node.JS (CLI application) (ETL) (API integration)

Puter Colour Picker

2021-06 - 2022-06

https://chez.kindrobot.ca/puter.html

API/website to set the colour of the computer in my office

- Fun, interactive, social IoT application
- Implements API and networking security best practices
- Uses microservices to minimize downtime with e.g. restarting computer

(Hardware) (IoT) (Golang)

2022-04 - Present

https://piepi.art

A small pubnix / zine project on a Raspberry Pi

- Social, creative pubnix (public unix service)
- Hardenend network security minimizes risk of self-hosting

Raspberry Pi SBC Linux server administration creative writing

Hexaflexago

2016-06 - 2017-05

https://tilde.town/~kindrobot/post/hexaflexago/

A hexaflexagon template generator

SVG React.JS paper craft

Awards

Eagle Scout

2007-06

Boy Scouts of America

Highest rank awarded to youth members

Gersting Award

2012-04

Purdue University, Indianapolis

Highest honor given to graduating student in Computer Science program

Staff Member of the Year

2006-08

Ransburg Scout Reservation