

JUSTIN M. KONECNY

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PROFESSIONAL EXPERIENCE

Meta

Privacy Engineer

February 2022 – Present

Menlo Park, CA

- Led the design and development of a Hack, React solution to power the computation, storage, and integrations of a tool used for assessing privacy incident impact, enabling effective risk-quantification and resource allocation across multiple privacy incident management teams
- Improved a Python-based supervised machine learning model used to identify new technical privacy incidents by increasing model precision by 9% and recall by 18%
- Architected and developed an internal vulnerability database in Hack to reduce data discrepancies and define a single source for tracking the entire lifecycle of an incident
- Supported mitigation and remediation of technical privacy incidents through root cause analysis, variant analysis, mitigation validation, and data lineage analysis

Facebook

Privacy Engineering Intern

May 2021 – August 2021

Menlo Park, CA (Remote)

- Designed, developed, and tested a React-based tool to quantify the severity of hundreds of technical privacy incidents per month to optimize incident management resource prioritization
- Performed root cause analysis and variant analysis of technical privacy incidents to find new privacy issues and increase the robustness of existing privacy mitigations across multiple products

AtlasOne

Software Engineering Consultant

September 2021 – January 2022

Menlo Park, CA (Remote)

- Collaborated with a design agency to develop Django, React-based features for a new product
- Acted as liaison between company and digital agency to advise on software engineering practices to effectively meet company goals of developing an MVP web app from scratch

Places For Less

Full-Stack Software Engineering Co-op

May 2020 – January 2021

Boston, MA

- Architected and developed full-stack solutions using PHP / Laravel and MariaDB for tracking anonymous website users, email-based subscriptions, and customizable pages for A / B tests
- Designed and implemented new features and fixes for a Vue.js, PHP / Laravel web app
- Integrated PHP / Laravel backend API with Twilio library, Gmail library, and Salesforce REST API to analyze and track client interactions to improve sales team efficiency and effectiveness
- Wrote custom SQL queries and used Eloquent ORM to aggregate metrics from tens of thousands of records to evaluate and increase effectiveness of various marketing efforts

Rocket Software

Software Engineering Co-op

July 2019 – December 2019

Waltham, MA

- Created global shutdown helper in a Java server shared amongst multiple projects to register, track, log, and wait for hundreds of threads to finish executing before safely shutting down
- Implemented new features and fixed bugs in a React / TypeScript application to interact with a REST API to allow users to manage multiple computer systems / environments
- Developed TypeScript plugin for an open-source CLI application to interface with a REST API to allow users to create, read, update, and delete system management resources

EDUCATION

Northeastern University

2017 – 2021 | Boston, MA

B.S. Cybersecurity,

Minor Mathematics

Summa Cum Laude | 3.93 GPA

LANGUAGES, LIBRARIES, & FRAMEWORKS

Proficient

Hack

PHP (Laravel)

Python

React

Java

JavaScript / TypeScript

HTML / CSS

Vue.js

SQL

GraphQL

Familiar

Django

C / C++

Go

Bash

Racket

SOFTWARE

Git

Docker

Salesforce (API)

PRIVACY SKILLS

Privacy-Aware Software Dev.

Root Cause Analysis

Variant Analysis

Mitigation Validation

Incident Impact Analysis

CERTIFICATION

AWS Certified Cloud Practitioner (2018)

PERSONAL INTERESTS

Dogs, Music, Running, Snowboarding, Cooking

References Available Upon Request