EVA STASI KILLENBERG

Creatively-minded, data-driven software engineer seeking opportunities at the intersection of technology and urban planning

Education

University of Pennsylvania, Class of 2021
- Candidate for a BAS in Computer Science from the School of Engineering and Applied Sciences with a minor in Urban Studies. GPA: 3.76/4.0

Experience

ErgBot, Full Stack Software Engineer
Fall 2018 - Present

Computer vision erg-logging software startup with over 5,000 unique users
- Build new frontend features in React Native, write HTTP endpoints in the backend Node Express server, maintain codebase and address bugs
- Lead software engineer; working remotely on a contractual basis

Word of Mouth, Full Stack Software Engineer
Spring 2020 - Present

Crowdsourced beauty review startup
- Generated a product roadmap and collaboratively made design and UI decisions
- Independently built platform with MongoDB database, Node Express backend, React frontend
- Scraped more than 15,000 products and 50,000 reviews from beauty retail sites using Python with Selenium WebDriver and BeautifulSoup

Pendo.io, Frontend Software Engineering Intern
Summer 2019 & Winter 2020

Product cloud that collects and analyses user behavior for web and mobile applications
- Performed frontend rewrite of the user dashboard in AngularJS: updated UI, researched and implemented an improved third party grid library, developed new features
- Began migration of dashboard code from AngularJS to Vue: designed new architecture, removed unnecessary code, simplified existing functions and components

Featured Projects

Stories of the 15-Minute City
Fall 2020

Research project investigating the 15-minute city concept in Philadelphia
- Conducted qualitative and quantitative research: wrote a Python script to analyze routing times from residential locations to amenity locations, conducted interviews with Philadelphians about their transportation habits
- Deployed results and analysis to an interactive website using React and the Mapbox API

Residential Subdivision Plan: 15 Roy Crescent, Dunedin, NZ
Spring 2019

Comprehensive site plan for a Urban Planning course taken abroad at University of Otago, New Zealand
- Completed a site analysis examining the site features, topography, services infrastructure, access points, and connectivity using government databases and GIS
- Designed a subdivision plan using BricsCAD: defined residential lots, planned road infrastructure, designed streetscapes, allocated public spaces
- Presented work in a comprehensive design plan explaining planning context and design rationale

Extracurriculars and Leadership

Penn Labs: Full Stack Software Engineer
Fall 2018 - Winter 2019

Software organization at Penn which develops software products for students
- Leading member of a project team which developed the Penn Clubs product: worked with club directors and school administration to make product decisions, wrote and reviewed code
- Formerly worked as member of the Platform Team to integrate the design and functionality between all Penn Labs products and consolidate user accounts and information

The MindBank: President
Fall 2017 - Fall 2019

Student-run consulting organization at Penn focused on the campus environment
- Oversee operations of a 30-person organization that completes paid and pro bono consulting projects for companies, local businesses, and campus organizations
- Designed, developed and deployed the organizational website in React

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Personal Info

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web
www.evakillenberg.com

linkedin
www.linkedin.com/in/evakill

github
www.github.com/evakill

Skills

hard
web development
data structures + algorithms
HCI + UX

soft
leadership
communication
empathy

Languages

Java
advanced ●●●●●

JavaScript
advanced ●●●●●

CSS + HTML
advanced ●●●●●

Python
proficient ●●●●○

C
basic ●●○○○

Frameworks

React + React Native
advanced ●●●●●

Vue
intermediate ●●●○○

AngularJS
intermediate ●●●○○

Technologies

Git
advanced ●●●●●

Heroku
advanced ●●●●●

Node
proficient ●●●●○

MongoDB
proficient ●●●●○

Adobe Illustrator
intermediate ●●●○○

ArcGIS
basic ●●○○○

BricsCAD
basic ●●○○○

Interests

soccer, skateboarding, hummus, NYT Daily Mini, bass guitar, being on trains, Greek Mythology, Studio Ghibli, cat memes, Kurt Vonnegut, Spotify playlists, thesauruses