Logan Ayliffe

PERSONAL DETAILS

Location: Randstad, Netherlands
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Nationality: American
Work Permit: Zoekjaar Orientation Year

PROFILE SUMMARY

A recent arrival to the Netherlands seeking an opportunity to combine my computer science expertise with a mission-driven team to make a positive impact in the world. Quick study, detail-oriented, with a passion for continuous process improvement and curiosity-driven iteration. Highly developed soft skills enable me to act as impact multiplier for teams.

PROFESSIONAL EXPERIENCE

Payconiq — **Amsterdam & Remote**
Integrations Engineer — **2022 – Current**
- Provide a market-leading platform integration journey covering technical, business and operational aspects.
- Develop comprehensive integration tests for iDEAL 2.0 payment APIs and ensure stakeholder success in certification efforts.
- Lead team in transition from traditional to agile way-of-working in complex stakeholder environment.

Keye — **Remote**
Software Engineer — **2021 – 2022**
- Full-stack SWE at early stage startup. Implemented several key backend APIs in Java and refactored React frontend leading to successful launch of product beta and seed funding acquisition.

University of Pennsylvania, Department of Family Medicine and Community Health — **Philadelphia, PA**
Data Engineer — **2018 – 2021**
- Develop bio-informatics and financial data systems for automated cleaning and analysis of large data sets leading to improved patient health outcomes, healthcare worker productivity, and top-line revenue four fiscal years in a row.

University of Pennsylvania, National Center for Integrated Behavioral Health — **Philadelphia, PA**
Lead Technical Product Manager — **2016 – 2018**
- Led interdisciplinary team in developing Center brand identity, style system, and website leading to acquisition by MAYO Clinic researchers.

EDUCATION

University of Pennsylvania, School of Engineering and Applied Science — **Philadelphia, PA**
Master of Computer Science (MCIT) | GPA: 3.59 / 4.00 — **May 2021**
Nuffic Diplomawaardering Reg.nr.: IcDW/05-61996

University of Pennsylvania, College of Arts and Sciences — **Philadelphia, PA**
Bachelor of Arts in Cognitive Science: Computation and Cognition | GPA: 3.81 / 4.00 — **May 2021**

SELECTED PROJECTS

PennPals
react, express, node, mongodb, twilio, figma | GitHub
- Primary developer for WhatsApp clone using MERN stack and Twilio Conversations API with multi-party audio and video chat.
- Lead project manager for team using agile methodology and GitHub Projects.

Can Twitter predict US county-level excessive alcohol consumption?
pandas, python, sklearn | GitHub
- Build ridge regression ML model using NLP-derived features from high-dimensional Twitter data.
- Develop feed-forward neural network yielding significant improvement in both Pearson R and mean absolute error.

SKILLS

Programming Languages: Java, Python, Javascript, C, Kotlin
Databases: SQL, MongoDB, Mongoose, Neo4j
Web: HTML/CSS, React, Node, Express, REST APIs

Tools & Libraries: Git, sklearn, pandas, Travis CI, Postman
Design: Figma, Adobe Photoshop, Illustrator, InDesign

ADDITIONAL INFORMATION

Languages: English (native), Spanish (intermediate), Dutch (beginner)
Hobbies: Cooking, traveling, weightlifting, cycling, reading, gaming
Volunteer: Founder, MCIT Student Organization | Founder, Annual MCIT Hackathon | Co-Founder, DFMCH Community of Caring
References: Gladly provided upon request