

Helen Quine

Software Engineer

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WORK EXPERIENCE

Software Engineer Intern

05/2020 – 06/2020

LiveStack, Inc. | San Francisco, CA

- Developed scheduled routines integrating data from PostgreSQL database with external email and payment systems to automate refunding customers as part of an Express/React app.
- Created server automation for customer communication as part of product request flow.
- Refactored server and client aspects of API use to hide unnecessary detail from the client to make it simpler to use.
- Wrote unit and integrations tests for email, API and search functions.

Associate Director Consulting Services

08/2001 – 05/2006

TechSoup | San Francisco, CA

- Promoted from Senior Program Manager.
- Managed and mentored a team of consultants providing technology services to nonprofits, guiding the team through organizational change.
- Introduced and oversaw quality assurance methodology.
- Directed service development including creating a program for small nonprofits to upgrade and manage their computer systems in a cost effective manner despite staff's low technology skills.
- Consulted with nonprofits to provide technology advice and assistance that matched mission objectives and funding availability.

Information Systems Manager

04/1997 – 08/2001

San Francisco Food Bank | San Francisco, CA

- Promoted from Programs Analyst and Information Systems Associate.
- Doubled food distribution without increasing administrative staff by implementing a systems upgrade converting the organization from an old accounting and stock control system to an enterprise management system.
- Managed a network of ~50 machines and 5 servers. Installed and supported hardware and software, provided first line IT support, coordinated and assisted with efforts of specialist support and developed and managed the IT budget.

Constable

04/1993 – 08/1996

Bedfordshire Police | United Kingdom

- Best Officer in Luton. Section Intelligence Officer. Secondment to Fraud Squad.

Actuarial Assistant

10/1992 – 04/1993

Windsor Life | United Kingdom

- Developed a computer based testing system in C to meet regulatory training requirements for sales associates.
- Calculated insurance claims in accordance with plan rules and government regulation.

Computer Programmer (P/T)

08/1989 – 08/1991

Leckhampton Computers | United Kingdom

- Ported custom database management system into C on the Unix platform.
- Provided maintenance and adaptations to systems meet client requirements.

Systems Administrator

09/1988 – 08/1989

Andrew Page, Ltd. | United Kingdom

- Promoted from Assistant Systems Administrator.
 - Maintained system up time and IT support for head office and three satellite offices.
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EDUCATION

Rithm School

A 16 week full stack web development bootcamp

JavaScript, Python, SQL, React, Node.js, Flask, etc.

Final project Jobly, a job postings site: <https://github.com/quinetopia/Jobly-frontend>

2020

San Francisco, CA

The Open University

B.A. Politics, Philosophy and Economics

2016

United Kingdom

The University of Leeds

B.Sc. Computer Science and Mathematics

1992

United Kingdom

TECHNICAL SKILLS

Languages - Javascript, Python, SQL, HTML, CSS

Libraries / Frameworks / Tools - React | Redux | Node | Express | Jest | Flask | SQLAlchemy | PostgreSQL |
VSCode | Git | Github
