

Harold F. Short, III  
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San Francisco Bay Area  
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Summary -----

Versatile staff+ engineer passionate for learning and continuous improvement.  
Focus is on architecture, distributed systems, and removing obstacles.  
Enjoys technical challenges, enabling others to succeed, and the Oxford comma.

Experience -----

Collective Health San Francisco, CA

\* Senior Staff Engineer Jul. 2022 - Present  
- Architecture

\* Staff Software Engineer Jan. 2020 - Jun. 2022  
- Cross team problem solver  
- Recipient of the peer-selected Values Award for Following Your Curiosity  
- Improving Data Infrastructure on the Data Platform team  
- Tech lead on the Plans team across multiple initiatives  
- Driving internal improvements as part of an Engineering Culture Commission

\* Senior Software Engineer II Nov. 2017 - Dec. 2019  
- Led development of the personalized recommendation campaign management system  
- Took ownership of the legacy monolith and improved the release process  
- Developed and owned the SSO certificate creation and renewal process  
- Implemented integration with a new health funds partner

Aclima, Inc. San Francisco, CA

\* Senior Backend Software Engineer Nov. 2016 - Nov. 2017  
- Improved reliability and availability of all backend APIs  
- Reduced query times for retrieving data stored in BigQuery  
- Optimized queries using SQLAlchemy to reduce load on the database  
- Developed metrics to enable load forecasting and capacity planning

Epicor Software Dublin, CA

\* Principal Software Engineer 2014 - Nov. 2016  
- Designed and built a cross-platform payment processing application with Python  
- Led an international team to take over development of an application I created  
- Developed a customer facing web application handling regulatory compliance  
- Created a Twilio integration in Python to send SMS text messages  
- Built a web interface for multi-factor authentication using QR codes  
- Rapidly developed several device integration prototypes with Raspberry Pi

\* Staff Software Engineer 2008 - 2014  
- Became a Tech Lead for client-side development of Epicor Eagle  
- Lead the successful port of over one million lines of code from VB6 to .NET  
- Designed and built a software deployment tool used by thousands of customers

\* Software Engineer 2003 - 2008  
- Client developer on a 40+ member product development team for Epicor Eagle  
- Created tools used by developers to streamline and automate routine processes  
- Developed an inventory receiving application for handheld barcode scanners