

Breck Yunits - breck7@gmail.com - yunits@hawaii.edu - github.com/breck7
1-415-937-1984 - Oahu, Hawai'i

Employment

Public Domain Publishing, Inc. – Feb 2021 – Present, Founder - publicdomaincompany.com

- Built, launched, and manage PLDB.io, Scroll.pub, ScrollHub, and the World Wide Scroll.
- Pioneering sustainable public domain business models for software and media companies.

Our World In Data, Oxford, March 2020 – Feb 2021, Senior Software Engineer

- Responsible for engineering the Covid Data Explorer, the world's most popular COVID-19 data explorer, used by White House, UN, WHO, ECDC, etc.
- Helped our team reach over 100M people in 2020, up from 10M in 2019.

University of Hawaii Cancer Center, March 2018 – June 2019, Research Associate

- Co-author on DeepImpute, a Single Cell Imputation paper. Helped benchmark, speed up and refactor Python TensorFlow based package with unit testing, CI, and other best-practices.
- Co-author on a Single Cell Analysis Pipeline paper. Set up cloud deployment, unit testing, coverage, analytics, and monitoring for a tool used in cancer research.
- Co-author on a Metabolomics paper. Applied software engineering best-practices to our biological algorithms which enabled us to get CRAN approval for our R package.
- Co-author on an Early Onset Preeclampsia GWAS paper.

Microsoft, March 2014 – April 2016, SDE II TypeScript, C#, Node.js, Azure

- Engineer on core Shell Team that developed SDK used by ~40 Microsoft Azure dev teams.
- Built Azure products used by millions on repo with 200+ contributors and millions of LOC.
- Built an analytics dashboard which played a key role in achieving our 99.9%+ SLA goals.
- Discovered and led mitigation of a 0-day on Azure.com preventing a security disaster.

Nudge, March 2009 - Feb 2014, Co-founder Javascript, Node.js, AWS

- Created NudgePad, a fast app development suite that runs in your browser.
- Grew business from \$0 to over \$75,000 in revenue and 10,000 beta users.
- Funded by YCombinator and supported by Mozilla WebFWD.
- Negotiated acquisition by Microsoft.

Lab Zero, August 2010 - Jan 2012, Software Engineer Ruby, Python, PHP, Javascript

- Developer on 10+ web apps, SDKs, and APIs for our customers including Visa, HP & PayPal.

Angel Investing

May 2016 – Present

- Executed angel investments in ~75 companies.
- Of initial \$250,000 in personal capital, returned over \$1M. Majority of gains still unrealized.

Education

Duke University, 2007 - Bachelor of Science in Economics

Boston College High School, 2002