Jake Hamilton

Software Engineer

T. **(949) 632-1417**
E. **jake.hamilton@hey.com**
Site: **http://jakehamilton.dev**
Code: **http://github.com/jakehamilton**
Ex: **http://codepen.io/short**

EXPERIENCE

Intuit —*Software Engineer 2*

https://intuit.com

April 2021 - Present

- Legacy application migration to modern React using Redux and React Hooks for complex application state.
- Development innovation with Nix and nix-darwin.

SurePrep —*Software Engineer*

https://sureprep.com

July 2019 - April 2021

- Advanced web applications with React
- State management with Redux & React Contexts
- TypeScript
- Both legacy class components and modern fully functional components with hooks
- Complex data management and interactions with backend APIs
- Material UI
- Kubernetes & CI/CD infrastructure creation and maintenance.

ScrollMotion — *Lead Software Engineer*

https://www.scrollmotion.com

January 2017- February 2019

- Advanced web applications with React and Vue
- Multi-platform application architecture
- JavaScript library/sdk creation
- Instrumental in improving page speed and accessibility
- Social media integration
- Platform documentation
- Creation and maintenance of private services (such as Verdaccio and Docker Registry)

CodeCampus Academy — *Educator*

https://www.bitscouts.org

March 2015 - December 2016

- Modern web development
- HTML5, CSS3, JavaScript
- Software development best practices

SOFTWARE ARCHITECTURE

JavaScript (es6/es2015+)
TypeScript
HTML5
CSS3 (+ Stylus, Sass, Less)
Styled Components (+ Emotion)
Vue + Vuex
React + Redux
Express
Electron

TOOLING

Node.js + npm
Deno
Vite
Webpack
Rollup
Babel / ESBuild
SSH
FTP
Shell (Bash, ZSH, Fish)
Storybook
Cypress
Nix

CLOUD AND DEPLOYMENT

AWS
GKE
DigitalOcean
Kubernetes
Docker (+ Docker Swarm)
NGINX
Traefik
Cert-Manager
Argo CD
NixOps / deploy-rs

CONTINUOUS INTEGRATION

Unit Testing and TDD
Vitest
Jest
Mocha (+ Chai)
GitLab CI
GitHub Actions
Woodpecker CI (Drone CI)

SOURCE CONTROL

GIT (Command Line)

Saddleback College

August 2015 - January 2017

- **Major:** Computer Science
- **Curriculum:**
  - C++
  - Application Design
  - Development Flows