

SUMMARY

Engineer with knowledge across Windows, macOS, Linux and the Web. Proficient with native code in C/C++, UI design and implementation, systems programming and Internet applications. Obsessed with technology.

EXPERIENCE

Apple Inc. ■ Cupertino, California

Software Engineer ■ 2010–present

- Design and implementation of iCloud applications + frameworks
- Close work with cross-functional teams across a multitude of projects, including authentication, security, photos, file synchronization, messaging
- **Environment:** Windows, macOS, iOS, C/C++, Objective-C, WebKit, JavaScript

Manta Media, Inc. ■ Columbus, Ohio

Software Engineer ■ 2009–2010

- Development and maintenance of a high-traffic site built with Perl
- Employed open source scalability products such as Varnish, memcached, Solr
- Used cloud computing technologies (Amazon S3, CloudFront and EC2)
- **Environment:** Linux, Solaris, Perl, SQL, JavaScript, HTML, CSS

Kayako Inc. ■ Boise, Idaho

Software Engineer ■ 2005–2009

- Design and development of Windows client applications for customer support and help desk operators, written in C++ for Windows
- Integrated SIP-based VoIP functionality into live support applications
- Porting and integration of several Unix-based C/C++ open source libraries
- Design and implementation of various network protocols, clients, servers
- Led company-wide changes to internationalization, build systems, version control, software update distribution and more
- **Environment:** Windows, Linux, C/C++, SQL, PHP, JavaScript, HTML, CSS

EDUCATION

Morehead State University ■ Morehead, Kentucky

Physics, Mathematics ■ 2004–2006

World Wide Web + EFnet IRC ■ Internet

All subjects ■ 1995–present

INTERESTS

Tournament-level Dance Dance Revolution player ■ Classic video game systems Complexity ■ AI ■ Cognition & psychology ■ Philosophy ■ Language + writing Music production ■ Branding + identity ■ Social media ■ Online communities

ROGER CLARK

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