Eric Cloninger

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I am a product manager and software developer with 28 years of experience working with mobile, desktop, and web applications. Since 2006, I have worked as a Product Manager, leading development teams, evangelizing products, and bringing new products to market. I have extensive experience working with open-source communities and third-party developers. I am an excellent communicator, comfortable with live audiences of varying technical ability. I am willing to travel extensively or relocate to be effective in my role.

Areas of Specialization

Product Management

- Oversee the daily operations of software development teams, acting as Product Owner.
- Handle inbound and outbound marketing activities, including market surveys, competitive analysis, authoring data sheets, and events.
- Negotiate with engineering managers during roadmap planning and communicating the roadmap to sales staff, marketing, strategic partners and customers.
- Coordinate product launch activities.
- Evangelize products at conferences, during webinars, and in blog posts.
- Work with strategic partners on co-marketing and shared development projects.
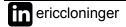
Software Development

- Windows, Mac OS X, Linux, and Android developer using C++ and Java.
- Android apps in the Google Play store.
- Web development in Java, JavaScript, Python and PHP.
- Specializing/Interested in:
  - Desktop software development and software development tools.
  - Automata theory, parsers, compiler design, debugging and diagnostics.
  - Mobile and embedded development.
  - Location-based systems, GPS, coordinate calculation.
  - Development automation, DevOps, containerization.
  - Security systems and encryption.
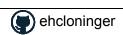 - User interface design and computer/human interaction issues.
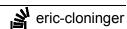
Communications

- Contributor and technical reviewer for several popular *O'Reilly & Associates* titles.
- Frequent contributor to developer blogs and forums on development tools topics.
- Live presentations at technical conferences, focused on tools and mobile development.
- Active presence on social media, discussing relevant technical topics.
- Currently in the upper quartile at StackOverflow for answering questions about Android development, Eclipse IDE use, and mobile applications for Smart Watches.

Education

- M.S., Computer Science, Oklahoma State University (Pending Thesis), 1989
- B.S., Computer Science, Mathematics, Southwestern Oklahoma State University, 1986

Work Experience

May 2016 – Present   **Sabbatical**
- Taking time away from work, following the passing of my spouse.

September 2015 – April 2016   **Cigital**   **Sr. Product Manager**
- Led overseas (UK) engineering team to create mobile application security testing tools .
- Designed an online portal for customers to submit apps and retrieve results of security testing for mobile web, iOS and Android.

August 2014 – August 2015   **Samsung (Contract)**   **Sr. Product Manager**
- Designed and built a developer portal to access APIs for Samsung smart watches, Android phones, and Oculus-based Samsung VR devices.
- Drove developer adoption of Samsung watches with technical content and on-site training.
- Audited Samsung mobile SDKs for quality and consistency. Advised engineering teams responsible for the SDKs on how to improve their offerings for third-party developers.

April 2014 – August 2014   **Coverity (Contract)**   **Product Marketing Manager**
- Performed competitive analysis and marketing for a newly-acquired product, updating guides for field engineers and sales staff.
- Created a new case study each month. Interviewed executives and developers at client companies to understand how they used Coverity's products and how the results allowed them to deliver better products to their own customers.

October 2012 – March 2014   **Klocwork, Inc**   **Sr. Product Manager**
- Provided strategic guidance for Klocworks' SDLC products through several releases.
- Hired and mentored two new Product Managers in their roles.
- Guided engineering team in transition from waterfall development to Agile, acting as Product Owner for the company's flagship product.
- Supported semiconductor customers that were crucial to sustained revenue.

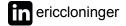**February 2008 – October 2012**   **Motorola Mobility**   **Sr. Product Manager**
- Managed the creation, delivery, and launch activities for Motorola's development tools.
- Interacted with the off-shore engineering team as Product Owner in an agile process.
- Delivered on-time releases of Motorola's MOTODEV Studio every quarter for 4 years.
- Created and delivered 24 technical presentations at 17 developer events in 4 years
- Led an Eclipse open source project to create vendor-neutral mobile tools suite.
- Program Committee member for the annual EclipseCon conference. Reviewed proposals for speakers to deliver presentations on mobile and embedded development.
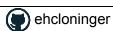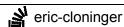
June 2006 – February 2008   **Wind River**   **Sr. Product Manager**
- Product Owner for Wind River's *Workbench* development tools. Created product planning documents, and worked with engineering teams to deliver a product roadmap.
- Created requirements and ensured products remained on mil/aero purchasing lists.
- Drove certification process and product improvements to get Wind Rivers' products accepted into IBM's *Ready for Rational* program.
- Led a cross-department review of call center data and customer surveys with a goal to increase product quality and customer satisfaction.

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October 2005 – June 2006   Advanced Financial Solutions   Sr. Engineer
- Discovered a crucial flaw in company products and worked with security engineers to create and deliver a fix before the flaw was discovered and exploited.
- Performed security audit and code reviews on existing C++ and .Net source base to increase quality and reliability of all products.

October 1999 – July 2005   Palm/PalmSource   Sr. Engineer
- Created tools for the PalmOS SDK that were distributed to thousands of app developers.
- Designed and developed layout and design tools for building Palm OS GUI apps.
- Added support for new OS features that required updates to development tools.
- Created tools and Java plugins for a branded version of the Eclipse IDE.

May 1996 – October 1999   Metrowerks   Sr. Engineer/Product Manager
- Engineering lead for Metrowerks popular CodeWarrior products, focusing on delivering new features for handheld devices and embedded systems.
- Created new products based on the CodeWarrior IDE targeting Windows, Palm OS devices, and embedded 68K hardware. The Palm OS product was a significant revenue source for the company, generating almost $2 million per year on a budget of 4 developers.
- Delivered presentations at conferences and customer sites.
- Authored articles for technical journals and contributed to two popular books on Palm OS.

October 1994 – May 1996   ADP Brokerage Services   Technical Lead
- Technical lead for team creating a bond trading system using Windows clients and a Tandem fault-tolerant server.
- Wrote end-user documentation and traveled to client sites to install and support software.

April 1994 – October 1994   Mammoth Micro Productions   Software Developer
- Software development for media-rich presentations on MacOS using C++.

September 1993 – April 1994   Digital Technology Intl   Software Developer
- Software development for page layout and design systems on MacOS using Pascal and C++.
- Updated newspaper design software to support Apple Events and QuickDraw GX.

February 1992 – September 1993   System Integrators, Inc   Software Developer
- Software development for Yellow Pages publication on MacOS using Pascal C++.

March 1988 – November 1991   TMS/Sequoia   Software Developer
- Software development for an early hypertext retrieval system and fax transmission over low-bandwidth connections. Development for DEC VAX, Windows, and MacOS using C/C++.

August 1986 – May 1988   Oklahoma State University   Graduate Assistant
- Taught undergraduate classes on Pascal, UNIX, and C++ while studying for Masters' Degree.