**Kevin Broh-Kahn**

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Education

**Northwestern University,** Evanston, IL

Robert R. McCormick School of Engineering and Applied Science

Bachelor of Science in Computer Science December 2015

COURSE PROJECTS

**Natural Language Processing** September 2015 – December 2015

* Scraped recipe data from allrecipes.com and save to JSON file, parsing recipes, ingredients, and directions
* Implemented a recipe title search, ingredient filters, and ingredient & recipe type filters in SQLite

**Software Development** April 2013 – June 2013

* Worked with a team to produce 2 releasable applications in 10 weeks using Agile workflow
* Organized the development of a location-based task manager for Android
* Completed a mobile web application for finding restaurants based on proximity and food type

WORK EXPERIENCE

**ClearOne Advantage,** Baltimore, MD May 2016 – Present

*Junior Developer*

* Create and manage a variety of WCF web services for retrieving data from SQL and creating PDF documents
* Add various features and functionality to improve PHP website to help clients’ experience
* Write SQL stored procedures to synchronize data between company database and linked database for CRM
* Design process to automate sending and receiving signed documents through DocuSign.

**Whereoware,** Chantilly, VA June 2015 – September 2015

*Junior Developer*

* Developed and implemented responsive front-end designs for various CMS websites
* Tested and debugged iOS enterprise application in collaboration with development team

**Northwestern Department of Physics and Astronomy,** Evanston, IL September 2011 – December 2013

*Research Assistant*

* Devised Unix scripts to produce benchmarks for a C program that simulates globular clusters

APPLICATION DEVELOPMENT

**Music Home,** [Google Play](https://play.google.com/store/apps/details?id=com.acrilogic.musichome) and [iTunes Store](https://itunes.apple.com/us/app/music-home/id1047442325) October 2015 – present

* Designed a basic interface for an application with built in controls for music applications
* Developed a lightweight screensaver so users can keep screen on without killing battery or causing screen burn

**World Boardgaming Championships,** [Google Play](https://play.google.com/store/apps/details?id=org.boardgamers.wbc) September 2013 – present

* Created an in-depth application in Android and iOS based on annual week-long gaming convention
* Worked with administration and testers to determine and satisfy as many of users' needs as possible

**Ratfink,** [Google Play](https://play.google.com/store/apps/details?id=com.play2think.ratfink) and [iTunes Store](https://itunes.apple.com/us/app/ratfink-free/id1133783210) June 2012 – present

* Designed, developed, and published a trick-taking card game similar to bridge
* Formulated a card-selecting algorithm so users can compete against the computer with varying levels of difficulty

LEADERSHIP EXPERIENCE

**Boardgame Players Association,** Lancaster, PA August 2014 – present

* Set up and conducted a 3-round tournament of over 100 players
* Settled disputes amongst players in a friendly manner to maximize player participation

**Santa's Helpers Anonymous,** Baltimore, MD December 2009 – present

* Coordinated sorting various boxes of food, blankets, and presents given to needy families on Christmas Eve

**Bagel Works,** Hunt Valley, MD June 2007 – September 2010

* Taught new employees how to perform their duties efficiently and properly

Skills

**Technical**

* Skilled in Java, Python, SQL, HTML, and CSS and proficient in C#, PHP, Swift, JavaScript, C, and Objective C
* Experienced in Eclipse, Xcode, Git, Sublime, Visual Studio, and Vim
* Familiar with Microsoft Windows, Mac OS X, and Linux

**Other**

* Conversational in Spanish and German
* Enthusiastic about running, basketball, and rock music