

# Adam Howard

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## Education

2014–present **M.S. Computer Science**, *Eastern Michigan University*, Ypsilanti, Michigan, 4.00.  
2003–2006 **Juris Doctor**, *Michigan State Univ. College of Law*, E. Lansing, Michigan, 3.68.  
1997–2002 **B.A. Sociology**, *Michigan State University*, E. Lansing, Michigan, 3.60.

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## University courses

- Elementary Linear Algebra
- Statistical Methods
- Introduction to Programming
- Programming Data Structures
- Algorithms & Data Structures
- Computer Organization I

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## Massive open online courses (MOOCs)

- Intro to Computer Science & Programming (MIT/edX)
- Programming Languages (U. Wash./Coursera)
- Intro to Systematic Program Design (U. British Columbia/Coursera)
- The Hardware/Software Interface (U. Wash./Coursera)
- Intro to Logic (Stanford/Coursera)
- Beginning Game Programming with C# (U. Colo. System/Coursera)
- Functional Programming Principles in Scala (École Polytechnique Fédérale de Lausanne/Coursera)
- Programming Mobile Applications for Android (U. Md. College Park/Coursera)
- Pattern-Oriented Software Architectures: Programming Mobile Services for Android (Vanderbilt/Coursera)
- Programming Cloud Services for Android (Vanderbilt/Coursera)

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## Technologies

Proficient: Java SE, Android, Python, Git, Markdown, Linux, Windows, Vim, IntelliJ IDEA, Eclipse  
Some experience: Ruby, HTML, CSS, Javascript,  $\text{\LaTeX}$ , OSX, C#, Racket, SML/NJ, C, Bash, Spring, Java EE, OAuth, SQL, PHP

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## Project

- Random Sentinels Android app to randomly select parameters for the board game *Sentinels of the Multiverse* ([github.com/howardad/random-sentinels](https://github.com/howardad/random-sentinels)).
- Leveraged Android and Java to create a modern standards-compliant interface for a wide range of Android devices;
  - Employed a SQLite database to track dozens of different game elements;
  - Used Android's built in SharedPreferences framework to remember which subset of the game elements the user wished to include in the pool;
  - Designed a custom launcher icon using Inkscape, an open-source vector graphics editor;
  - Incorporated third-party open-source libraries:
    - Calligraphy to use custom fonts ([github.com/chrisjenx/Calligraphy](https://github.com/chrisjenx/Calligraphy));
    - Butter Knife to increase code maintainability and decrease error-prone boilerplate ([jakewharton.github.io/butterknife](https://jakewharton.github.io/butterknife));
  - Maintained project and dependencies using Gradle build script.

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## Experience

2007–2011 **Attorney**, *Law Office of Adam E. Howard*, Jackson, Michigan.  
Solo general law practice with a focus on real estate transactions and litigation.

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## Volunteer Experience

2008–present **Member**, *Kiwanis Club of Jackson, Michigan*.  
Service club devoted to helping the children of the world.  
Served as President of the club in 2012-13, currently serving as Lt. Governor of 11 clubs.

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## Interests

Astronomy Observing stars, planets, galaxies, nebulae, comets, the Moon, and other night-sky objects using a telescope, binoculars, or the unaided eye.

Camping In a tent, with a fire, and the more friends and family the better.

Warhammer 40k A tabletop strategy game that also involves painting dozens of miniatures.

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**Company Recruitment team**

*Company, Inc.  
123 somestreet  
some city*

January 01, 1984

Dear Sir or Madam,

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis ullamcorper neque sit amet lectus facilisis sed luctus nisl iaculis. Vivamus at neque arcu, sed tempor quam. Curabitur pharetra tincidunt tincidunt. Morbi volutpat feugiat mauris, quis tempor neque vehicula volutpat. Duis tristique justo vel massa fermentum accumsan. Mauris ante elit, feugiat vestibulum tempor eget, eleifend ac ipsum. Donec scelerisque lobortis ipsum eu vestibulum. Pellentesque vel massa at felis accumsan rhoncus.

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Albert Einstein discovered that  $e = mc^2$  in 1905.

$$e = \lim_{n \rightarrow \infty} \left(1 + \frac{1}{n}\right)^n$$

Yours faithfully,

**Adam Howard**

*Attached: curriculum vitae*

**Adam Howard**

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