Maia McCormick

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Experience

Hacker School *Participant*   **July–Oct 2014**
HS is a self-directed 3-month programming retreat.
Projects included:
- **Contradb** *(Python, Javascript, Django)*: a searchable database of contradance choreographies.
- **Goob** *(Python)*: a version control tool, written as an exercise in understanding git
- **Punbot** *(Python, Zulip API, NLTK)*: a bot written for Hacker School's internal chat that lurks until presented with an opportunity to pun, and interjects (for instance), "Parse 'er? I hardly know 'er!"
- **Sudoku solver** *(Python)*: a rough Sudoku solver which, given a string representing a Sudoku board, solves and prints the board. A paired project; written as an exercise in architecture and testing
- **Phonebook** *(Python)*: a mini Python phonebook app
- **Markov gen** *(Python, NLTK)*: a simple Markov generator that uses tri-grams to generate text in the style of a given corpus, and an attempted part-of-speech-based Markov generator
- **Student chooser** *(Python)*: a command line app for teachers that picks a student at random from a given roster, with decreasing probability according to the number of times they have been picked already. Supports absences and multiple class periods

Bennington Children's Chorus *Conducting assistant*   **2012–2014**
- Conducted several pieces per season; kept order in the rehearsal environment; taught basic music skills; led warm-ups; helped select repertoire

New Music USA *Intern*   **Summer 2013**
- Wrote blog posts; generated social media content; researched donors and compiled potential donor lists; maintained online new music radio

International Contemporary Ensemble *Development intern*   **Summer 2012**
- Wrote grant proposals; drafted and co-designed Annual Report; processed and tracked donors

Education

Williams College, Williamstown, MA, 2014
Bachelor of Music, *Honors: Phi Beta Kappa, Magna Cum Laude, Arthur Judson Prize in Music*

Conservatorium van Amsterdam, Amsterdam, The Netherlands, Spring 2013
Choral Conducting (study abroad)

Languages & Skills
- Python, Javascript, JQuery, Django, HTML/CSS, Octopress, Sublime Text, Git, Bash
- Proficiency in conversational Spanish, basic Dutch
- Strong formal writing and editing skills