JUSTIN SMILAN

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EDUCATION

Williams College *Sept 2014 - June 2018*
B.A. in Computer Science 3.0/4 GPA

TECHNICAL SKILLS

Computer Languages   Python, Java, R, C, SQL, HTML, CSS, JavaScript
Software & Tools   Tableau, Microsoft Office, Acrobat, GIMP, Studio One
  Familiar with Windows, Mac OS X, and Linux

WORK EXPERIENCE

Williams College Jan 2015 - May 2018
Student Media Consultant, Manager

· Assisted Williams College community members with video, audio, and print media, developing production skills in the process
· Organized talks on various forms of media production and ways to utilize campus resources creatively

PROJECTS

Worked in a team of 3 to create a song lyric generator. This involved webscraping, parsing the data into groups using latent Dirichlet allocation, and building a language model to enforce meter and rhyme.

Worked in a team of 3 to build a program to predict League of Legends win-rate based on jungle paths using Fuzzy C-Means clustering.

RELEVANT COURSES

Core Courses
Algorithm Design & Analysis
Data Structures & Advanced Programming
Discrete Mathematics
Principles of Programming Languages
Theory of Computation
Computer Organization

Other Courses
Linear Algebra
Creating Games
Artificial Intelligence
Natural Language Processing
Statistics and Data Analysis
Human-Computer Interaction

POSITIONS OF LEADERSHIP

Music Director September 2016 - May 2018
Good Question A Capella *Williams College*

· Arranged songs and conducted rehearsal for a small student vocal ensemble
· Ran group business and organizational meetings

Housing Coordinator September 2015 - May 2016
Office of Student Life *Williams College*

· Fostered a community and addressed concerns throughout a residential hall of 30 people
· Responsible for managing a budget and maintaining supplies
· Organized educational and entertainment events for a neighborhood of 9 residential halls