Jacob Hurst

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| Education |  |  |
| Bachelor of Engineering  *The University of New Mexico* | Expected May 2019 |  |
| * Major: Computer Science * Minor: Mathematics * GPA: 3.6 |  |  |
| Skills & Abilities |  |  |
| Programming/Scripting Languages |  |  |
| * Python, Ruby, C/C++, Java, JavaScript, Haskell, MATLAB, Bash, SQL, CSS, HTML |  |  |
| Technologies/Environments |  |  |
| * Linux, Mac OS, Windows; (Development) IntelliJ IDEA, JetBrains PyCharm, JetBrains WebStorm, Visual Studio Code; (Version Control) Git, Subversion. (Etc.) OpenMPI, LaTeX. |  |  |
| Experience |  |  |
| Software Developer  *Alliance DNA Laboratory* | August 2018 – Current |  |
| * Developed software in Python to determine anthropological heritage given a DNA profile. Designed a front-end user interface. Configured SQL database containing genetic and population data. |  |  |
| Teaching Assistant  *UNM Department of Computer Science* | August 2017 – Current |  |
| * Answered questions posed by students, assisted faculty members with library research, conducted Computer Science course lab sections, graded homework and exams, held review sessions, provided in-class tutoring. * Assisted in: CS 351L – Design of Large Programs, CS 152L – Java, CS 151L - Python for engineering, CS 105L – Introduction to computer programming using JavaScript. |  |  |
| System Support *UNM Department of Computer Science* | January 2018 – Current |  |
| * Managed accounts and workstations, pushed/pulled system configuration images via Puppet and Subversion, ensured security through access controls, backups, and firewalls, maintained integrity of computer lab and server room systems, performed troubleshooting on various systems, issues, and outages. |  |  |
| Links  |  |  |  | | --- | --- | --- | | cs.unm.edu/~jhurst | [linkedin.com/in/jacobdhurst](https://linkedin.com/in/jacobdhurst) | github.com/jacobdhurst | |

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# References

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| Stefan Long  The Genetic Testing Labs  Chief Financial Officer  (800) 643-6102  s.long@alliancedna.com | Rudy Martinez  UNM CS  System Support  (505) 480-1735  rudym@cs.unm.edu | Brooke Chenoweth  UNM CS  Professor  (505) 277-3112  bchenoweth@cs.unm.edu |