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| education Cornell University (Expected May ‘20)   * B.S. Computer Science * College of Engineering Dean’s List * Teaching Assistant for CS 4820 (Fall 2018)  Experience Combplex · Software Engineering Intern (June ’18 – Present)   * Implement statistical models and neural networks to predict trends and detect anomalies in bee colony conditions, giving beekeepers ability to act on potential threats such as a possible colony collapse * Technologies: Python, scikit-learn, tensorflow, keras, JavaScript   Expedia · Software Developer Intern (June ’17 – Aug. ‘17)   * Integrated BillPay, a third-party payment service, a change projected to impact 10,000+ users * Worked on Expedia’s Checkout team to roll out 4-5 features a month, with heavy emphasis on test-driven development * Technologies: Java, JavaScript, J Query, HTML, CSS, Freemarker  leadership VP Community · Women in Computing at Cornell (Jan. ‘17 – Present)   * Managed team of directors to execute 20+ events a semester that provide 1500+ students a venue for career development, advice, and conversation   Undergrad Rep · Cornell Vietnamese Association (May ‘17 – Present)   * Engaged Vietnamese and broader community at Cornell through management and execution of cultural events with collective audience of 1000+ people  projects Music Visualizer (May ‘18)   * Developed music visualizer on an LED display, extracting track information including frequency/pitch distribution, valence, and timbre using Spotify API. Worked with hardware-specific and core graphics libraries. * Technologies: C++, Java   Spotlight @ WiCHacks (Feb. ‘17)   * Used sentiment analysis and Twitter API to develop a program that identifies potentially abusive tweets * Technologies: Python | Skills TECHNICAL  Proficient   * Python * Java * C/C++ * HTML 5 / CSS 3 * JavaScript * OCaml * Github   Familiar   * Bash * Freemarker * J Query   LANGUAGES  Vietnamese  Spanish courses  * algorithms * embedded systems * object oriented programming & data structures * discrete structures * data structures & functional programming * digital logic & computer organization * linear algebra * operations research * probability models and inference  INTERESTS  * machine learning * time series analysis and forecasting * computational biology * computational music |

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