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|  | | Bryan  Yue | | |
|  | | Software Developer | | |
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|  | 425-749-2741 |  | ABOUT ME | |
|  | yue\_bryan123@hotmail.com |  |
|  | Seattle / WA / USA |  | Experienced Developer with a strong track record designing lasting solutions, mentoring junior developers, and driving multi-team initiatives to completion. Enjoys hikes and chess. | Tech Stack  * Cloud: Azure Ecosystem * Languages: C#, C++, Java, Python * Framework: .NET Core * Storage: SQL, NoSQL * Machine Learning: PyTorch, Pandas, Jupyter * Testing: Moq, Fluent Assertions |
|  | https://www.linkedin.com/  in/bryanyue322/ |  |
|  | https://github.com/byue |  |
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| Skills API and System Design  8 / 10  Auto Remediation, Telemetry, and Metrics  9 / 10  Asynchronous and Concurrent Programming  7 / 10  Communication and Cross-Team Collaboration  10 / 10  Packaging, Deployment and CI Processes  9 / 10 EducationBachelor of Science, Computer ScienceUniversity of Washington 2014 - 2018 Magna Cum LaudeUniversity of Washington GPA: 3.89 Phi Beta Kappa Honor SocietyUniversity of Washington 2016 - Present | |  | ExperienceSoftware Developer IIMicrosoft | Redmond, WA | October 2019 - Present Optimized on-premises cloud infrastructure and supported Azure-consistent scenarios.   * Designed support for IMDS, unblocking container orchestration scenarios. * Reduced traffic 50x and decreased VM provisioning time 5 seconds with bulk VM metadata API backed by new .NET Core service. * Reduced traffic 8x in compute critical path via VM agent protocol migration.  Software DeveloperBloomberg | New York City, NY | September 2018 – September 2019 Migrated petabytes of market data from legacy database to SamayDB within mission-critical 6-hour maintenance window.   * Reduced conversion times with caching and low-latency C++ techniques. * Implemented recovery pathway for failed migration scenarios. * Increased team productivity via automating environment setup and guides.  Machine Learning Engineer InternKernel Labs | Seattle, WA | March 2018 – June 2018 Audio source separation with PyTorch. Achieved 82% test set accuracy.   * Created train, validation, and test sets with audio book web scraper * Visualized data with MFCC. Cleaned, and normalized data. * Trained BLSTM model with L2 regularization and dropout. | |

