

# Tung Duong

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## EDUCATION

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- University of Massachusetts Boston  
*Bachelor of Science in Computer Science; GPA: 3.74/4.0* Boston, MA  
2022(expected)
- Bunker Hill Community College  
*Associate of Science in Computer Support Specialist Option; High Honors; GPA: 3.84/4.0* Boston, MA  
2020
- Hue University of Education  
*Bachelor of Science in IT Teacher* Hue, Vietnam  
2016

## SKILLS

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- Programming Languages: | Java, Python, C++, C#, Pascal, Scheme
- Web programming and Graphics: | HTML, CSS, JavaScript, Three.js, WebGL, Unity, Blender
- Tech: | Git, VM, Visual Studio, Sublime Text, IntelliJ, PyCharm, MS Office
- Language: | English, Vietnamese
- Eligibility status: | I have authorization to work permanently in the United States

## EXPERIENCE

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### Professional Experience

- University of Massachusetts Boston  
*Professional Apprenticeship and Career Experience program (PACE)* Boston, MA  
2020 – Present  
[https://www.umb.edu/it/about/pace\\_apprentices](https://www.umb.edu/it/about/pace_apprentices)
  - Office365 and System Administrator (Supervisor: Marla Filoso in IT department)
  - Active Directory, IDM, PowerShell, tickets on ServiceNow, Inventory
  - iPoster - Showcase: <https://tung-duong.com/paceumb>
- LCT Computer  
*Computer Technician* Rockland, MA  
2016 - 2018
  - Troubleshoot computer software as well as hardware (Desktop & Laptop)
  - Build the PC, especially gaming desktop, and Customer Services
  - Repair broken iPhone & iPad screens, chargers, cameras, etc.

### Other Experience

- Bunker Hill Community College  
*Math Tutor in Math Space* Boston, MA  
2020
- Marshall – TJX Company  
*Cashier* Boston, MA  
2018 – 2019
- Smartphones Beats, Inc. - Turtle Screen  
*Phone Repair Technician* Dorchester, MA  
2018
  - Fix broken iPhone & iPad screens, chargers, cameras; refurbished the iPhone screen

## PROJECTS

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- Creating a Spaceship game written only by WebGL (without any framework); CS460 UMB, 2021  
<https://tung-duong.com/Spaceship-Game-WebGL> YouTube: <https://youtu.be/LjaqVthZFc>  
<https://twitter.com/danielhaehn/status/1450641417517375495> (Tweet from Professor Daniel Haehn)

- Creating a Spacecraft 3D game using WebGL, Three.js (framework), HTML, CSS, JavaScript; 2021  
<https://tung-duong.com/Spacecraft3D-Game>
- Many projects to study WebGL, XTK, Three.js framework, and more about Graphics; CS460, 2021  
<https://tung-duong.com/cs460/projects>
- Six projects from the CS451: *Compiler (JAVA)* course to apply the concepts learned to enhance the functionality of the base j—compiler; 2021  
<https://tung-duong.com/cs451/projects>
- Some projects from the CS420: *Intro to Theory of Computation* course to practice about concepts of DFA, NFA, Regular Expression (using XML, Python); 2021  
<https://tung-duong.com/cs420/projects>
- Ghost Word Game project from CIT-239-BE1 - *JAVA Programming* course; BHCC, 2020  
<https://youtu.be/CYxNdbgMzTs> (human play with computer version)  
<https://youtu.be/QZF1SnXkpGM> (computer vs computer – AI version)

## AWARDS AND HONORS

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|--|-----------------------------|
| • Received the Massachusetts High Demand Scholarship<br><i>Massachusetts Department of Higher Education (DHE)</i>  | Malden, MA<br>2021-2022     |
| • Received the Alumni Association Scholarship<br><i>University of Massachusetts Boston (at Granite Links)</i><br><a href="https://www.umb.edu/news/detail/alumni_association_awards_student_scholars_at_annual_reception">https://www.umb.edu/news/detail/alumni_association_awards_student_scholars_at_annual_reception</a> | Quincy, MA<br>2021          |
| • Winner of the Paul M. English '87 Computer Science Endowed Scholarship<br><i>University of Massachusetts Boston (Computer Science Department)</i>  | Boston, MA<br>2021          |
| • Received the Academic Recognition Award<br><i>University of Massachusetts Boston</i>   | Boston, MA<br>2021          |
| • Received the Associate to Bachelor (A2B) Scholarship<br><i>University of Massachusetts Boston</i>  | Boston, MA<br>2020          |
| • Received the CE Internal Awards Transfer Summer Award<br><i>University of Massachusetts Boston</i>   | Boston, MA<br>2020          |
| • Received the MassTransfer Tuition Credit Program Awards (for 2 years)<br><i>Commonwealth's community colleges, state universities &amp; the University of Massachusetts</i>  | Boston, MA<br>2020-2022     |
| • Received the Academic Excellence Award (High Honors)<br><i>Bunker Hill Community College</i><br>(Ranked 1st student among all the students in AS Computer Support Specialist Program)<br><a href="https://www.bhcc.edu/commencement/2020ceremonyhighlights">https://www.bhcc.edu/commencement/2020ceremonyhighlights</a>   | Boston, MA<br>2020          |
| • Received the BHCC General Scholarship<br><i>Bunker Hill Community College</i>  | Boston, MA<br>2020          |
| • Won Second Prize in Mathematics on Calculator (Senior High School)<br><i>Calculator math contest in Binh Thuan</i>   | Binh Thuan, Vietnam<br>2012 |
| • Won First Prize in Mathematics on Calculator,<br>Second Prize in physics, and Third Prize in mathematics (Senior High School)<br><i>Academic Competition in Hue</i>  | Hue, Vietnam<br>2011        |