

# E. Taber McFarlin IV

Software Engineer

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🌐 TaberIV

I have a flexible skill set and I am excited to begin working in software development. I have strong programming skills and experience in full stack web development. I'm interested in working with modern technologies and learning as much as I can. I'm looking for positions in the North East from the New York area to Boston.

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## Education

- 2015 – Current    **B.S. Computer Science**, *Stevens Institute of Technology*, Hoboken, NJ.  
*Major GPA – 3.60, Overall GPA – 3.49*
- Graduation - May 2019
  - Member of Upsilon Pi Epsilon, Computing Honor Society

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## Work Experience

- August 2018 – December 2018    **Course Assistant**, *Stevens Institute of Technology*, Hoboken, NJ.
- Course Assistant for CS 511, Concurrent Programming
  - Provided students with extra help understanding course material and assignments
  - Graded homework and exams
- May 2018 – August 2018    **Software Development Intern**, *Arccos Golf*, Stamford, CT.
- Designed and implemented a system to make an existing statistical analysis of users' golf games easily presentable to those users. (Node.js app)
  - Solved a probability problem to prevent issues with duplicate product IDs. Explored different options to address these issues with CEO.
- 2011 – 2017    **Programming Instructor**, *Rowayton Library*, Norwalk, CT.
- Created and taught a curriculum of basic computer science and game development in Scratch for to 8 to 12 year old children.
  - Tutored both children and adults in learning basic Python programming

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## Projects

- September 2018 – Present    **Engineer Arena.**
- Senior Design project created in a team of 5 with direction from a client
  - Arena shooter video game created with Unity3D, written in C#
- Web Development    **ETM Construction Website.**
- Website for construction business, built with React written in TypeScript.
  - Hosted at ETMConstruction.com

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## Skills

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|-----------------|---|
| Languages       | JavaScript/TypeScript, C/C++, C#, Java, Python, Erlang/Elixir |
| Web Development | HTML5, CSS/Sass, React/Redux, MongoDB                         |
| Misc. Tech      | Git, Linux, L <sup>A</sup> T <sub>E</sub> X                   |

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## Leadership

- 2017 – 2019    **President**, *Stevens Game Development Club*, Hoboken, NJ.
- Run weekly club meetings that involve discussion of game design and game programming tutorials.
  - Manage club budget of approximately \$5,000 a year.
  - Served as treasurer and secretary of the club in 2017 and 2016 respectively.