

Francis Paul Amadeo

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EXPERIENCE

Software Developer Epic Systems – Verona, WI Feb 2020 – June 2023

- Decreased the review process for training to be billed from 4 weeks to 2 weeks by automating multiple manual steps. This also allowed the accounting team to rotate half of the team to other tasks
- Redesigned the go-live scheduling tool with C#, .NET, and Preact to include the majority of the tasks admins need to complete on a single page, all while preserving workflow and security guardrails.
- Streamlined admins' communications with trainees by redesigning Epic's e-learning hosting site with MSSQL, C#, and .NET Core to be SCORM-compliant, allowing admins to monitor trainee progress.
- As the technical point person for Training Billing Tools, reviewed designs, analyzed functionalities and cross-dependencies, and developed and maintained tools, reports, and databases for stakeholders.
- Completed software development life cycle for projects as lead designer and lead developer.
- Translated technical concepts, information, and workflows into terms and proofs of concept that all parties could easily understand.

Computer Engineering Intern UIC College of Engineering – Chicago, IL July 2019 – Aug 2019

- Designed and implemented the python-based circuit simulator used for UIC's first offering of ECE 464 (Testing and Reliability of Digital Systems)
- Provided detailed documentation to allow students to clearly understand the program.

PROJECTS

Project Stella

- Won 2nd place in the Midwestern Robotics Design Competition 2019 at UIUC.
- As the Software Lead, oversaw and delegated various electrical and programming duties among the electrical and CS team.

Print-a-Part

- As Outreach Director, Initiated and oversaw the relaunch of Chicago EDT's outreach program, Print-a-Part, where students can submit their 3D CAD designs and get them printed and sent for free.

SKILLS

Languages: C, C++, C#, HTML, Javascript, Typescript, Python, MSSQL, LaTeX, VHDL, Assembly

Frameworks: .NET, .NET Core, Angular, React.js

Version Control: Git, SVN

Standards: ARIA, SCORM

EDUCATION

University of Illinois at Chicago – Bachelor of Science in Computer Engineering 2019

- Graduated *cum laude*
- IEEE-Eta Kappa Nu Honor Society Member
- Tau Sigma National Honor Society Member

College of Lake County – Associate Degree in Engineering Science 2017

- Graduated with High Honors
- Honoree of Certification of Academic Distinction
- Phi Theta Kappa National Honor Society Member