

Jacob Mischka

Objective

Provide unique and easy-to-use software solutions for real-world problems

Skills

- Experienced in JavaScript, HTML, CSS, Python, PHP, Java, Rust, and Unix tools
- Able to create fully functioning products independently and from end to end
- Willingness and ability to learn new skills, languages, and paradigms

Achievements

- 2014–Present **ResidentProgram.com**, *Medical College of Wisconsin*, Anesthesiology Department.
Designed and developed resident evaluation system used by over 200 residents, faculty, and administrators. Presented at American Society of Anesthesiologists national conference in October 2014.
- 2014 **Version-Aware Word Documents**, *University of Wisconsin-Whitewater*.
Designed modification to Microsoft Word files to track version changes and tool to merge revisions. Presented at ACM DocEng 2014 and paper published in post proceedings.

Experience

- 2015–Present **Programmer Analyst**, *Medical College of Wisconsin*, Anesthesiology Department.
- Develop, update, and maintain internal departmental webapps
 - Trainee and faculty evaluation system
 - Trainee day-off management system
 - Academic calendar merger and frontend
 - Manage department websites
 - Department public website
 - Intranet site
 - Promotional sites for subspecialties
 - Maintain CHOIR installation to collect patient-reported outcomes
 - Develop tools to process and manipulate data
- 2011–2014 **Technical Administrator**, *Prairie Woods Golf Course*, Avalon, WI.
- Installed and maintained computer hardware and software on site
 - Assisted with maintenance of pro shop and golf course operations

Education

- 2011–2015 **Bachelor's in Business Administration**, *University of Wisconsin-Whitewater*, Whitewater, WI.
Major: Management in Computer Systems