

ESMAIL BONAKDARIAN

SALESFORCE DEVELOPER

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Chicago, USA
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PROFESSIONAL SUMMARY

As a Salesforce Certified Developer, I enjoy streamlining processes and solving problems. As a computer scientist, I am familiar with a number of high-level languages, design, testing, and best coding practices. As an educator with excellent communication skills, I can explain complex technical material to non-technical audiences in clear and concise ways which allows me to meet my stakeholders' needs more effectively. These skill sets align well with being a lifelong learner.

SKILLS

- **Languages:** Apex, Java, Python, C#, Visual Basic, HTML, CSS, bash, and other high-level languages
- **Operating Systems:** Windows and Linux (administration and user)
- **Environments & Tools:** Developer Console, VS Code, Excel, Git/GitHub, Eclipse
- **Salesforce:** Flows, Triggers, DML, SOQL, SOSL, REST & SOAP
- Data wrangling, migration, and cleaning
- Superior organizational and time management skills, along with strong problem-solving and critical/analytical thinking abilities. Capable of prioritizing multiple concurrent tasks to meet deadlines, even when faced with limited resources and unexpected challenges.

CERTIFICATIONS

- Salesforce Certified Platform Developer I
- Salesforce Certified Platform Application Builder
- Salesforce Certified Administrator
- Salesforce Certified AI Associate
- Salesforce Certified Associate
- Clicked Business Analyst Team Sprint
- Clicked Salesforce Flow Team Sprint

WORK EXPERIENCE

- **Associate Professor (tenured)**, Department of Computer Science, Dominican University, River Forest, IL, 8/12 – present
- **Assistant Professor of Computer Science**, Department of Computing Sciences and Mathematics, Franklin University, Columbus, OH, 7/08 – 11/11
- **Assistant Professor of Computer Science** (visiting), Department of Computer Science, St. Lawrence University, Canton, NY, 8/07 – 6/08
- **Assistant Professor of Computer Science** (visiting), Department of Computer Science, Oberlin College, Oberlin, OH, 8/04 – 6/07

EDUCATION

- **Ph.D.**, Computer Science, University of Iowa, Iowa City, IA
- **M.S.**, Computer Science, University of Iowa, Iowa City, IA
- **B.S.**, Computer Science, Economics, Political Science, University of Iowa, Iowa City, IA

AUTOMATION

I have an automation and optimization mindset. Repetitive tasks, or those that require too many steps are often automated, usually with Python or bash scripts, both for work and personal use. Where necessary, I can find and learn the relevant tech skills to accomplish my goals. Selected examples:

- LMS/Canvas automation: With the help of the Canvas API, using Python and the CLI, I eliminated some 400+ individual required settings via the web interface *per* semester.
- Program testing/functional assessment of student code submissions (compile check, compare output based on varied inputs etc.) via Python, CLI, and bash scripts.
- zyBooks(electronic text book) CSV report automation using Python to visualize and assess student performance on weekly assignments.
- Administrative scripts to setup/maintain/delete accounts and evaluate student program submissions on Linux platform, and for regular maintenance/monitoring tasks.

MANAGEMENT & TEACHING

- Teaching 6 - 7 classes each academic year requires managing and prioritizing multiple concurrent deadlines, distribution and collection of assignments, and continued assessment. Providing high-quality and actionable feedback to students while using multiple systems to facilitate effective communication. Keeping track of presentation schedules and being responsive to Q&A.
- Creation of several new courses, among them a course on Machine Learning, a Linux course using the Raspberry Pi platform, and a Non-Majors Programming class. This included all presentation slides, assignments, in-class activities, exams, and other materials. I also managed groups of students working on semester-long projects in both the Unix course and the 2nd semester of the senior capstone sequence.
- Collaborating with colleagues as part of several university committees over the years sharing various roles and responsibilities.
- I've taught over 2,300 students during my teaching career, many of these first-generation students holding down one or two jobs. Monitoring at-risk students and providing support as needed along with being available for regular office hours for all students.
- The ability to learn independently and to use/incorporate new skills is essential, and part of my current position.

RESEARCH & PUBLICATIONS

- Evolutionary computing and Genetic Algorithms
- Collective Intelligence and Particle Swarm Optimization
- Integrating Git and GitHub in the CS curriculum

OTHER INFORMATION

- **Languages:** English (native fluency) & German (native speaker)
- **Personal Interests:** Running, Reading, Amateur Astronomy, Learning