

Philip Bowman

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Profile

- Driven by a desire to innovate for the common good.
- Collaborates with diverse stakeholders to build elegant solutions integrated within complex systems.
- Leverages an extensive skill set to become an ever-quicker learner, adding to and deepening existing abilities.

Education

- **B.S. Software Engineering** (2024) Western Governors University
- **M.Ed. Education** (2012) Jones International University
- **B.A. English** (2007) Colorado State University

Experience

- **Technology Teacher** American Community School of Amman
2016 - 2024 (8 years)
- **English Teacher** American School of Kuwait
2013 - 2016 (3 years)
- **Database Management, Computer Assistant, Web Designer** LSI Logic, Fort Collins HS, Xpeerant, Inc.
pre-2013

Projects

- **Risus Tools:** Single-page website in HTML/CSS/JS to generate character stats for the Risus tabletop RPG game.
- **ZrRobot:** Web application combining custom tools and existing systems to grade and report student work. ([source code](#))
- **Headsup:** Automated, containerized application to merge dynamic, complex, multi-sourced scheduling data into up-to-date Google Calendar events.
- **Multi-Puller:** Script to automate pulling student GitHub repositories, compare the student work, and generate easily-navigable HTML with links to local files.

Proficiencies

- **Certifications:** AWS Certified Practitioner, ITIL Foundation, CompTIA Project+
- **Programming/Markup:** Python, JavaScript, C, Java, HTML, CSS, Jinja, Markdown
- **Databases/CRUD:** SQL, MySQL, SQLite, Oracle, SQLAlchemy
- **Frameworks/Web:** Flask, Django, Jekyll, Maven, Spring
- **DevOps & Cloud:** git, AWS, REST APIs, Google Workspace & Cloud Platform, Docker

Ask me about

- Playing in rock bands, synths, photography, literature of film, Airstreams, home renovation, e-bikes, cycling, ST:TNG