

E. Grace Baelen-King

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EXPERIENCE

Udemy Inc., San Francisco, CA

November 2017 – Present

Software Engineer

- Member of the Video Stream Team (part of Backend Engineering) responsible for storage, encoding, and delivery of all videos on Udemy.
- Built infrastructure and microservices that enabled Udemy's core product — the video pipeline — from upload to delivery.
- Developed and helped build the production deployment of Udemy's in-house encoding cluster, including an auto-scalable service in AWS using ffmpeg and Python. Used Terraform to build a reproducible infrastructure.
- Participated in on-call rotation and ensured proper monitoring and runbooks to safeguard a successful user experience for global audience.

Workday Inc., Pleasanton, CA

July 2015 – November 2017

Software Application Engineer II (October 2016 – November 2017)

Software Application Engineer I (May 2016 – September 2016)

Associate Software Application Engineer (July 2015 – April 2016)

- Designed, programmed, debugged, and modified software enhancements and new product features for Workday's financial application product for both UI tasks and Web Services.
- Development lead on multiple projects including new feature work and enhancements.
- Served as team performance lead, monitoring performance metrics, investigating potential code improvements, and communicating with stakeholders.
- Interacted with Product Managers to define system requirements and necessary modifications to both the current product and features in development.
- Responded to time-sensitive critical customer issues and quickly found the best immediate (and permanent) solutions to problems inhibiting customer workflow.

Girls Who Code, Mountain View, CA

Summer 2014

Senior Teaching Assistant

- Assisted in the instruction of the Girls Who Code computer science curriculum to 21 high school girls.
- Provided individual support to students by identifying areas of strengths and weakness, acting as role model, and counseling students on professional and personal levels.

EDUCATION

Bryn Mawr College, Bryn Mawr, Pennsylvania

May 2015

Major: Psychology with Honors, Minor: Computer Science

GPA 3.63, Magna Cum Laude

ACTIVITIES

Team Representative, Student-Athlete Advisory Committee, Bryn Mawr College

Fall 2013-Spring 2015

Team Member, Women's Varsity Lacrosse, Bryn Mawr College

Fall 2011-Spring 2015

Student Representative, Access Services Search Committee, Bryn Mawr College

Spring 2013

ACADEMIC HONORS

Intercollegiate Women's Lacrosse Coaches Association's Division III Academic Honor Roll

Fall 2014 & 2015

Centennial Conference Academic Honor Roll

Spring 2013 & 2014

SKILLS

Python, Django, AWS, Terraform, Celery, Docker, FFMPEG, Github, C, Java, JavaScript, HTML, CSS, React