ALM in Software Engineering

- Capstone track
- Thesis track

**Age Breakdown**
- 31% < 30
- 49% 31 - 40
- 20% 41+

**Degree Candidates**
- 189

**Female:** 21%

**Male:** 79%

**While Earning the Degree**
- 33% Live in MA
- 54% Live Outside of MA
- 13% Live Outside of U.S.

**Reasons for Pursuing Degree**
- 8% Personal Enrichment
- 23% Career Change
- 29% Career Advancement
- 40% Deepen Expertise

**Years of Students Full-Time Work Experience**
- 4 years & under...... 22%
- 5-10 years............... 37%
- 11-20 years............ 30%
- Over 20 years........ 11%

**Benefits of Being a Degree Candidate**
- Personal academic advising & pre-degree advising
- Career resources and individual career counseling through Harvard’s Office of Career Services
- Paid research opportunities alongside Harvard faculty
- Thesis research opportunities with Harvard and MIT faculty members or industry experts.
- Earn a graduate certificate while earning the degree

**Software Engineering Graduate Certificates**
- Back End Web Development
- Cybersecurity
- Data Science

**74%**
- Of students have professional experience in the field

**80%**
- Graduation rate

**5 Years**
- Average time to graduation

**100%**
- Of recent grads would recommend the program

Learn more at extension.harvard.edu
SELECT JOB TITLES HELD BY OUR GRADUATES

Chief Technology Officer
Web Developer
Mobile Engineer
Java Developer
Senior Software Developer

Statistical Analyst
Senior Data Scientist
Technical Director
Principal Software Engineer
Systems Engineer

GRADUATES HAVE GONE ON TO WORK IN THE FIELDS OF...

- IT services
- Pharmaceuticals
- Computer services
- Financial services
- Computer software
- Higher education
- Telecommunication

ALUMNI SPOTLIGHT

Job title prior to HES:

Current job title:

How has earning a degree from HES helped you professionally?

Did you earn a graduate certificate?

Most helpful resource at HES:

Advice for prospective or current degree candidates:

Meet ALM in Software Engineering Graduate, Angelo Kastroulias.

Founder, Principal Consultant at Carrera Group

I remain the principal but have significantly grown my business and staff. The work I do is more engaging, and many new doors have opened that would not have otherwise.

As a software consultant with 20 years in the field, I realized that AI and ML were essential parts of my future. What I did not understand clearly is that I have a love for academic writing and research. There is not a single day that I do not use what I learned.

I earned the Data Science certificate and was invited to join the research team at the Data Systems Lab at the Paulson School of Engineering and Applied Science. I continue to research and innovate, recently filing my first patent in AI. I also focus my work on cutting edge systems to help bring clinical decision support from bench to bedside that will hopefully make a difference in future pandemics.

One of the unique opportunities is conducting software engineering thesis research under world-class Harvard SEAS faculty. Not just experts in AI, natural language processing, data systems, and algorithms but thought leaders, chairs of conference organizations, and accomplished researchers. Some of my favorite courses had no textbooks; what we were learning was too new. The student body was diverse; some were Ph.D. candidates, others cross-registered from other Harvard schools, and some of us were graduate students from HES.

The thesis research lets you experience one of the most rewarding professional experiences. The realization that you have contributed a new piece of knowledge to your field is indescribable. I still remember the moment that my thesis director smiled and said, "congratulations, you now know something that no one else does." That feeling (and my director's help and support) will be something I will forever value. You will push yourself in new and exciting ways and become stronger, more determined, and immeasurably better.

For more information on career highlights, visit our Career and Academic Resource Center (CARC) at carc.extension.harvard.edu

HARVARD EXTENSION SCHOOL
Fast Facts About Software Engineering Graduate Degree

Tracks
- Capstone track
- Thesis track

Average Age
33

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- 8% Personal enrichment

Percentage of Students with Professional Experience in Field
74%

Years Of Students Full-Time Work Experience
- 4 years and under: 22%
- 5-10 years: 37%
- 11-20 years: 30%
- More than 20 years: 11%
Percentage of Students Employed Full-Time While Earning the Degree

82%

Average Number of Courses Taken per Semester

- 1 course: 66%
- 2 courses: 31%
- 3 courses: 3%

Average Time to Graduation

5 years

Graduation Rate

80%

Fields Where Graduates Have Gone on to Work in

- IT services
- Pharmaceuticals
- Computer services
- Financial services
- Computer software
- Higher education
- Telecommunication

Percentage of Grads Who Would Recommend the Program

100%

Related Certificates

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- Cybersecurity
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