Computer Professionals Program

Jan 2014

Earn a Masters Degree in Computer Science with Paid Internship in a Company in the U.S.

Overview

In our unique program, which emphasizes object oriented programming, you study full-time on our university campus for two semesters. Then you work for up to 2 years in a full-time paid internship as a software developer in a technology company in the United States, during which time, you complete your education via distance learning.

Over 1,000 US companies have hired our students, including many of the 50 largest U.S. companies such as Microsoft, Federal Express, Cisco, Amazon, Bank of America, Oracle, Sun, AT&T, and General Electric.

Your salary will depend on your skills and experience, but first year earnings are typically $65,000–$75,000.

Maharishi University of Management, Fairfield, Iowa, USA

ACCREDITED
The Higher Learning Commission
MEMBER
The Higher Learning Commission
NCA North Central Association
Link to the HLC Web site

Contact Us
info@computerprofessional.org

Maharishi University of Management
Fairfield, Iowa, USA

Computer Professionals Program Outline

1. In the Master of Science in Computer Science for Computer Professionals program, you start with 2 semesters full-time study on our university campus near Chicago. Then you work for up to two years with a full-paying practical training internship as a software developer at a U.S. company.

2. The standard financial aid package for international students covers low initial tuition payment, single housing, organic dining, and health insurance. After completing coursework on campus, our Career Placement Professionals assist you in locating your internship. At this stage, the University will assist you in getting a loan from a local bank to cover the balance of program costs.

3. The University has relationships with many of America's leading technology companies, but you can apply to work in a position at any U.S. company, and you can negotiate your own salary.

4. Your salary will depend on your skills and experience. Typically, first year earnings are **$65,000 to $75,000**. Our students have done internships at more than 1000 U.S. companies, including Microsoft, Federal Express, IBM, Sun, Amazon.com, Oracle, General Electric, Cisco, and Hewlett-Packard.

5. Upon completing your on-campus studies, your remaining courses are taken through part-time distance education on a flexible schedule during evenings or weekends while working at your intern position.

"I just want to say that with your support, I got two direct-hire offers at Microsoft and I accepted one of them. And the happy thing is that I got a total of five offers up to now. Thank you very much!"

—Ductruong Do (from Vietnam)
Practical training at Microsoft

Courses Offered

Our program specializes in the areas of software systems and software development using OOP (Java). Core areas of study include: Operating Systems, Networking, Data management, and several important application areas.

- Modern Programming Practices (Java programming)
- Database Management Systems
- Software Engineering
- Computer Networks
- Fundamentals of Algorithms
- Web Application Programming
- Web Application Architecture
- Advanced Software Development
- Cloud Computing
- Spring-Hibernate
- Compiler Construction
- Enterprise Architecture
- Parallel Programming
- Operating Systems
- Advanced Programming Languages
- Computer Security
- Systems Analysis and Design
- Mobile Device Programming
- Practicum
- Data mining
- Big Data

Gain Professional Experience in a U.S. Company as a Software Developer with Pay

You can apply for a practical training job as a software developer anywhere in the U.S. The University has relationships with many U.S. technology companies including **Microsoft** where over 100 of our students are placed, but you can apply for practical training with any company you wish. Our students have been hired by Federal Express, IBM, Sun, Amazon, Oracle, General Electric, Cisco, AT&T Bell Labs, and many other leading US companies including many Fortune 500 companies.

Do you help prepare students for entering the job market?

Yes, our program includes an intensive two-week Career Strategies workshop to help you prepare to secure a professional practical training internship position in the U.S. Topics include job searches, resumes, interview skills and job offer evaluations.

Our experienced professional career staff is there to guide you through all of this internship preparation. We also help evaluate job offers including salary and fringe benefits.

How much does the program cost?

With our extensive financial aid package, you **only pay between $3,500 and $7,000 at registration in the U.S.,** depending on the qualification level determined during the application process. **The remaining program costs will be paid through the 'Computer Professionals Loan'** we help arrange for you after you receive a paid internship position. The total cost of the program is approximately $34,000 which includes your educational costs of tuition, campus housing, fees and meals for the two semesters, along with health insurance for entire 2.5+ year program.

How do I repay my program loan?

The program loan is repaid from your 'earnings' while you are employed as an intern with a U.S. company. The average starting salary of our students for practical training jobs is currently **$65,000 - $75,000** per year which makes the loan repayments very affordable.

"As a woman, I was afraid of going far in the middle of an unknown world. But Maharishi University was the best place I could go. I was always safe and learned how to grow in every aspect of my life."op

—Liliana Auquilla (from Ecuador)
Practical training at DSI Systems

Learn the Latest Software Developments from a Highly Qualified Ph.D. Faculty

Greg Guthrie, Ph.D.
Dean and Professor of Computer Science
B.S., M.S., Ph.D., Purdue University

Dr. Guthrie's research interests include: programming languages, teaching of computer science, C++ and Object Oriented programming, Computer systems architecture, and parallel processing.

Keith Levi, Ph.D.
Chair, Professor of Computer Science
M.A., M.S., Ph.D. University of Michigan

Dr. Levi worked for Honeywell Systems and Research Center as a Senior Principle Research Scientist on applications of artificial intelligence and expert systems to human-machine interface problems. He has been a principal or associate investigator on research awards from the Air Force's Wright Research and Development Center, the Office of Naval Research, and the United Nations' Industrial Development Office.

Paul Corazza, Ph.D.
Professor of Computer Science and Mathematics
M.S., Ph.D., Auburn University

Dr. Corazza's research interests are logic, set theory, category theory, large cardinals, sets of reals, and the lambda calculus. His research associated with teaching and the software industry are in the areas of algorithm analysis, rules engines, and software engineering. He has worked as a contractor for Google and e-Trade in Silicon Valley, and at several insurance companies in the United States, with 15 years experience as a Java engineer.

Clyde Ruby, Ph.D.
Assistant Professor of Computer Science
B.A., Pepperdine University
M.A., M.S., Maharishi International University
Ph.D., Iowa State University

Clyde Ruby's research interests include programming language semantics (especially for object-oriented languages), programming methodology, specification (Larch/C++, Java Modeling Language [JML]), and verification.

Bruce Lester, Ph.D.
Professor of Computer Science
B.S., M.S., Ph.D. Massachusetts Institute of Technology

Dr. Lester was a faculty member at Princeton University for two years, prior to joining MUM where he founded the Computer Science Department and served as Chair for eight years. He is author of the book *The Art of Parallel Programming*, which has been adopted as a course text by 62 Universities.

Premchand Nair, Ph.D.
Professor of Computer Science and Mathematics
Ph.D., Kerala University (Mathematics)
Ph.D., Concordia University (Computer Science)

Dr. Prem Nair has taught a wide spectrum of computer science courses for over twenty years. His teaching interests include: Java programming, Big Data, cloud computing, object oriented design, relational database systems, analysis of algorithms and discrete mathematics, and data structures & algorithms.

Ralph Bunker, Ph.D.
Associate Professor of Computer Science
B.S., M.S., University of Rhode Island
Ph.D., University of Massachusetts at Amherst

Dr. Bunker has taught Computer Science for over 20 years at Maharishi University of Management, George Washington University, and the University of Massachusetts at Amherst. He has significant experience in private industry, as well.

Anil K. Maheshwari, Ph.D.
Associate Professor of Management Information Systems and Computer Science
MBA, India Institute of Management, Ahmedabad
Ph.D., Case Western Reserve University (MIS)

Professor Maheshwari brings over 25 years of rich work experience in IT industry and academia. He spent 9 years at IBM in Austin, TX, in global marketing and program management. He has also worked at a telecom start-up and a couple of mid-sized IT companies in senior leadership roles. His areas of interest include Emerging Technologies, Data Analytics, Systems Design and Analysis, Data Mining.

Campus and Student life

The first two semesters are spent studying full-time on our beautiful 329 acre university campus in Fairfield, Iowa, a rural setting of forests, walking trails and lakes.

Single rooms are standard for all students to provide quiet and privacy in the residence halls. The rooms are carpeted and fully furnished, and equipped with 24-hour high speed Internet access. Most students are housed in residence halls with central bathrooms. The men and ladies are housed in separate residence halls. Housing options in the local city are also available at the candidate's additional expense.

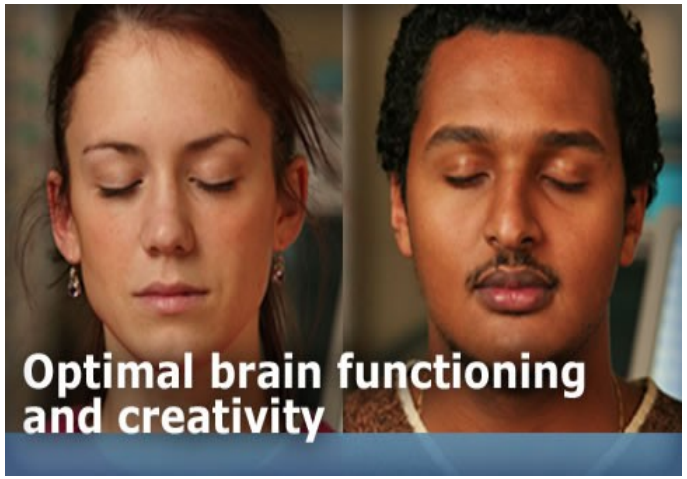
The university also offers a rich social life with music, dance, and theater, and has sports facilities for running, tennis, weight training, basketball, soccer, and swimming, including a 60,000 sq. ft indoor sports center.

History of the University

Maharishi University of Management was founded in 1974 and is accredited by the Higher Learning Commission of the North Central Association, the oldest and largest official accrediting body in the United States.

The university offers courses ranging from undergraduate to Ph.D. level. This includes Masters Degrees in Computer Science, Business Administration and Management, Accounting, Filmmaking, Vedic Science and Education. Thousands of students have graduated from our programs over the past 50 years.

Personal Development through the Transcendental Meditation® Program



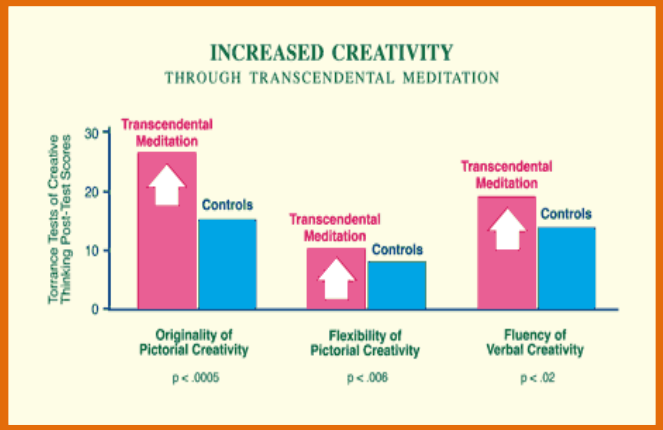
We have incorporated the leading personal development technique for maximizing success and creativity in our curriculum. All students are required to learn the Transcendental Meditation program upon arrival as a means to improve their learning ability and job performance.

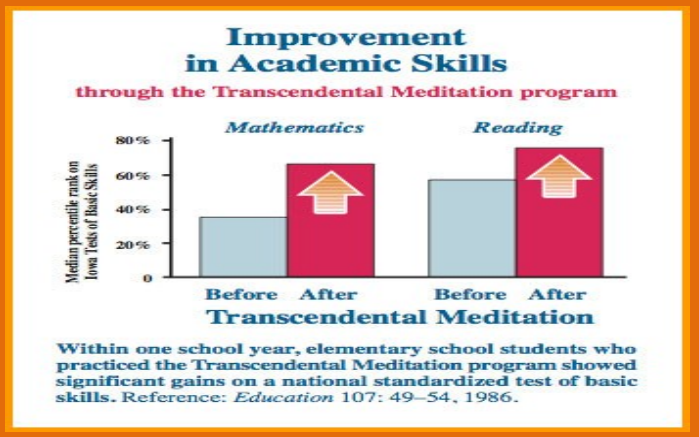
Over 600 scientific studies support the benefits of this simple mental technique to produce deep relaxation, greater intelligence, recovery from stress and more energy.

The Transcendental Meditation technique is a simple, natural, effortless mental technique practiced by all students and staff at the University for 20 minutes twice each day. It's not a religion, philosophy, or lifestyle and requires no belief. It is the most effective and widely researched method of self-development in the world and has been learned by millions of students and businessmen.

"This month I feel that I can get more work done when it's time to work. After practicing the Transcendental Meditation technique I had more energy. It helps me to improve the quality and quantity of the work I do. TM really develops deeper aspects of myself that I have never touched before. I can make more friends and maintain my relationships with them."
***C.A., from Thailand*, working at Hypermedia Systems in California**

"When my mind is fresh I make better decisions at work. My mind becomes fresh from the practice of the Transcendental Meditation technique."
***T.W., from Indonesia*, working at Tanintco, Inc. in Texas**





What are the Requirements to Qualify for the Program?

1. Academic Requirements

You must possess a 3-4 year undergraduate degree in Computer Science or a related subject from an accredited college or university with an acceptable GPA.

Notes:

1. For a 3 year degree a minimum of 3 years work experience as a software developer is needed
2. Generally, we require a minimum cumulative GPA of at least 2.7 out of 4.0 for acceptance. GPA alone, however, is not sufficient for acceptance, since work experience, good English skills, technical test scores, GRE scores, strong recommendations, interview results, and a bachelors degree are also factored into the decision.

2. Knowledge Level

You need to be conversant with one of these languages C, C#, C++ or Java

3. Good English Proficiency

You need to be able to read, speak and understand English well.

4. Your Planned Career Track is Software Development

How to Apply

You can apply online at http://apply.computerprofessional.org or email info@computerprofessional.org to request an application form. There are three entry dates each year: **February, June, and October.**

Soon after you have submitted your application, we will notify you of your preliminary status. You will then be asked to: (1) take an online technical proficiency test, (2) send in transcripts and other documents, (3) have your spoken English assessed by phone.

We recommend that you begin to obtain your college transcripts and diplomas so you will be prepared to immediately submit these items when the University requests them.

Questions and Contact Us

If you have any questions, we are here to help and guide you through the process of applying. Email info@computerprofessional.org